

Lexington County Base Labor Market Analysis



South Carolina
Department of
Commerce
Labor Market Information



October 2008

TABLE OF CONTENTS

EXECUTIVE SUMMARY	5
POPULATION	6
Growth.....	6
LABORSHED.....	7
Characteristics of Workers	7
INCOME	9
Per Capita Income	9
Wages by Industry	10
Wages by Occupation.....	11
EDUCATION	12
High School Graduates.....	12
Higher Education Graduates.....	13
OCCUPATIONS.....	14
Occupational Projections.....	14
Occupational Education Requirements.....	15
INDUSTRY	16
Businesses by Sector.....	16
Growth in Number of Businesses	17
Employment by Sector	18
Industry Analysis	19
MOVING FORWARD.....	21
Appendix A: Occupational Projections	
Appendix B: Businesses by 3-digit NAICS Codes	
Appendix C: Employment by Industry Sector	

EXECUTIVE SUMMARY

Population

Lexington County's population has grown faster than the state's in recent years.

Future growth is expected to continue to exceed the state's.

Less than half of Lexington County's workers live within the county, with a significant number coming from Richland County.

Income

Per capita income growth has been faster than the state but behind the nation.

Lexington County's per capita income remains above the state but below the national level.

Average wages in Lexington County are higher than the state average in most occupational groups.

Education

The number of degrees awarded by area post-secondary institutions has increased substantially.

The greatest increase has been in the healthcare field.

Occupations

Most major occupational groups are expected to grow faster in Lexington County than in the state.

Requirements for Lexington County's workers are expected to grow in the following levels of education and experience:

Work experience in a related field, postsecondary vocational award, associate's degree, bachelor's degree and master's degree or higher.

Industry

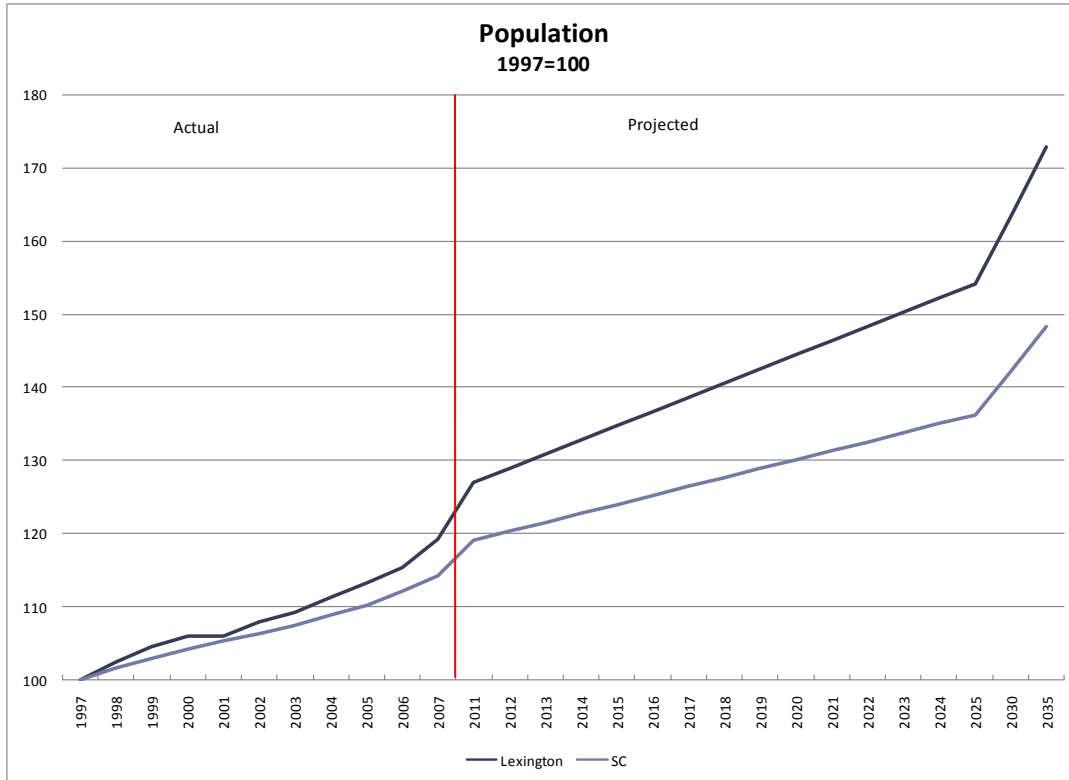
Sectors rated as having high potential in Lexington County are as follows:

Heavy and civil engineering construction; merchant wholesalers, durable goods; truck transportation; warehousing and storage; ambulatory health care services; construction of buildings; machinery manufacturing; and forestry and logging.

POPULATION

Growth

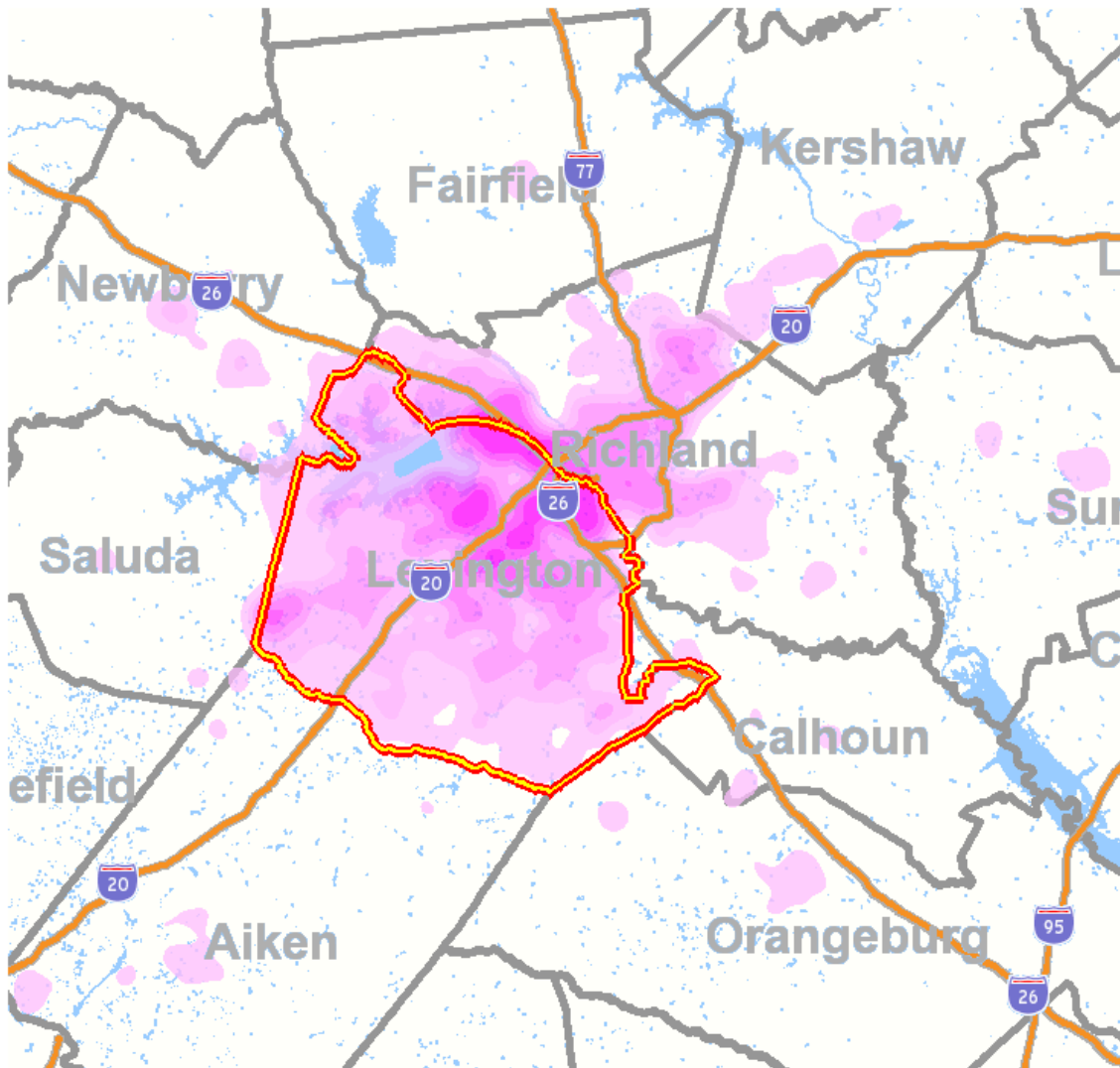
Lexington County's 2007 population was 243,270. The county population has grown by 19.3% since 1997, compared to 14.2% growth for South Carolina. Lexington's future population growth is expected to be faster than the state's.



Source: U.S. Census Bureau (estimates) and SC Budget & Control Board/Office of Research and Statistics (projections).

LABORSHED

The map below shows where Lexington County workers come from (in 2006, latest available data). Less than half of Lexington County's workers live within the county. A significant number come from Richland County.



Source: U.S. Census Bureau, Local Employment Dynamics.

Characteristics of Workers

Age of Workers:

30 or younger	28.9%
31 to 54	55.5%
55 or older	15.6%

Earnings of Workers:

\$1,200 per month or less	28.9%
\$1,201 to \$3,400 per month	44.0%
More than \$3,400 per month	27.1%

States Where Workers Live:

South Carolina	98.6%
North Carolina	0.6%
All other locations	0.8%

Counties Where Workers Live:

Lexington, South Carolina	49.0%
Richland, South Carolina	21.9%
Aiken, South Carolina	2.4%
Greenville, South Carolina	2.2%
Newberry, South Carolina	1.7%
Charleston, South Carolina	1.7%
Orangeburg, South Carolina	1.6%
Spartanburg, South Carolina	1.4%
Kershaw, South Carolina	1.3%
Sumter, South Carolina	1.1%
All Other Locations	15.6%

Cities Where Workers Live:

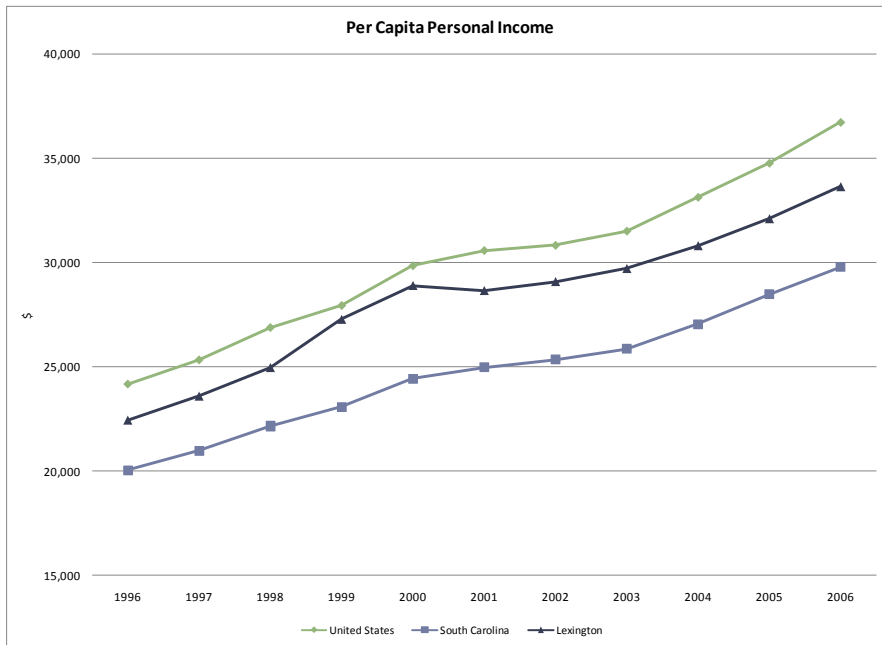
Columbia, South Carolina	5.7%
Lexington, South Carolina	2.9%
St. Andrews, South Carolina	2.7%
Seven Oaks, South Carolina	2.6%
Red Bank, South Carolina	2.4%
Cayce, South Carolina	2.4%
West Columbia, South Carolina	2.2%
Irmo, South Carolina	1.8%
Oak Grove, South Carolina	1.8%
Batesburg-Leesville, South Carolina	1.5%
All Other Locations	74.2%

Source: U.S. Census Bureau, Local Employment Dynamics.

INCOME

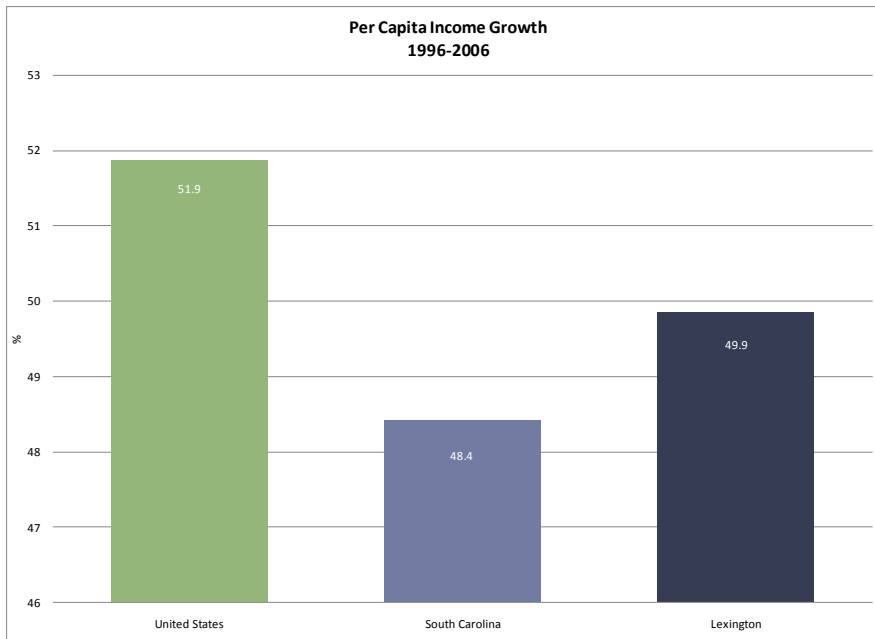
Per Capita Income

Lexington County's per capita income has remained below the national level but above the state.



Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Lexington County's per capita income has grown faster than South Carolina's but slower than the nation's.



Source: U.S. Department of Commerce, Bureau of Economic Analysis.

Wages by Industry

Lexington County's average wages are below those of South Carolina (\$637 vs. \$680 in 2007). Average wages were up 16% in Lexington County over the past five years, compared to 18% for the state. All major sectors except arts, entertainment and recreation had growth, led by real estate and rental and leasing.

Industry	NAICS Code	2007 Average Weekly Wage (\$)	2002 Average Weekly Wage (\$)	% Change
Total, Private and Government		637	547	16
Construction	23	688	550	25
Manufacturing	31-33	788	716	10
Retail Trade	44-45	481	431	12
Transportation and Warehousing	48-49	680	565	20
Information	51	770	658	17
Finance and Insurance	52	872	723	21
Real Estate and Rental and Leasing	53	623	410	52
Administration & Support & Waste Management & Remediation Services	56	491	427	15
Arts, Entertainment, and Recreation	71	233	248	-6
Accommodation and Food Services	72	231	208	11
Other Services (Except Public Administration)	81	506	460	10
Federal Government		1,106	937	18
State Government		637	528	21
Local Government		709	598	19

Source: U.S. Department of Labor, Bureau of Labor Statistics, Quarterly Census of Employment and Wages.

Wages by Occupation

Average wages in Lexington County are higher than the state average in most occupational groups.

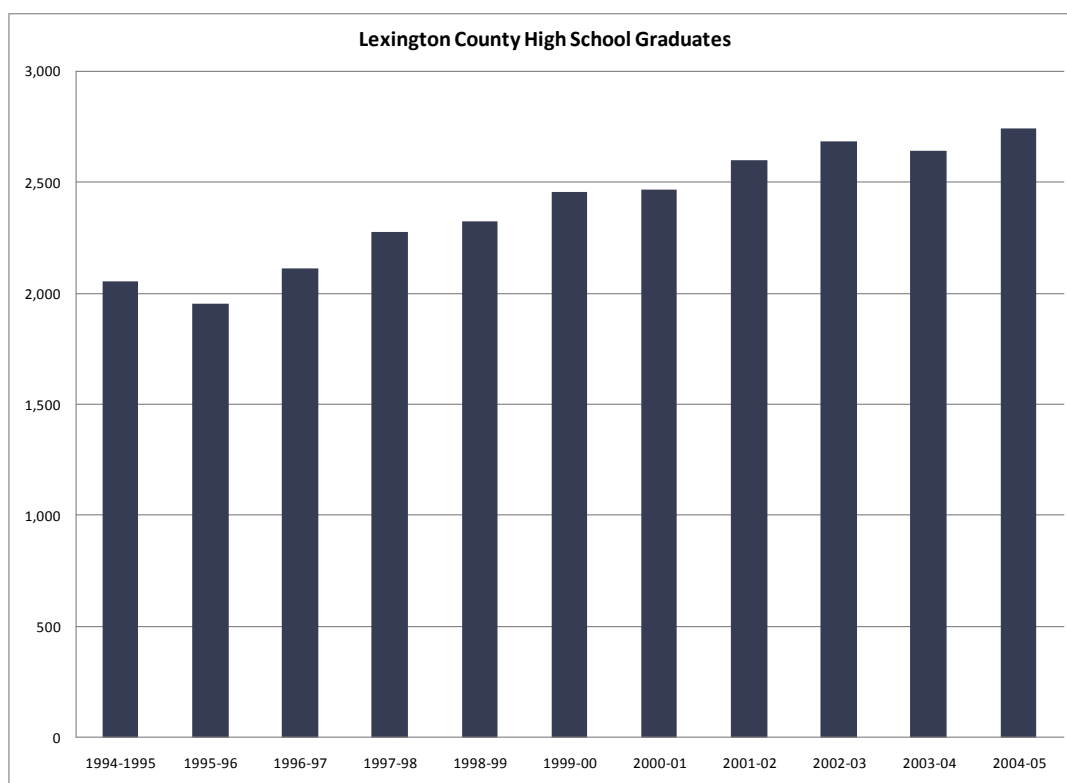
Occupation	2007 Lexington County Median Hourly Wage (\$)	2007 SC Median Hourly Wage (\$)
Management occupations	31.34	28.78
Business and financial operations occupations	22.48	20.28
Computer and mathematical science occupations	28.32	26.20
Architecture and engineering occupations	28.16	30.22
Life, physical and social science occupations	22.92	22.76
Community and social services occupations	14.34	13.18
Legal occupations	32.56	30.68
Education, training and library occupations	27.36	24.42
Arts, design, entertainment, sports and media occupations	13.82	12.66
Healthcare practitioners and technical occupations	30.80	30.64
Healthcare support occupations	11.55	10.55
Protective service occupations	13.55	13.87
Food preparation and serving related occupations	8.05	7.90
Building and grounds cleaning and maintenance occupations	8.65	8.42
Personal care and service occupations	8.78	8.39
Sales and related occupations	14.79	13.48
Office and administrative support occupations	14.11	13.22
Farming, fishing, and forestry occupations	12.10	13.07
Construction and extraction occupations	16.92	16.51
Installation, maintenance and repair occupations	17.70	16.88
Production occupations	14.64	15.21
Transportation and material moving occupations	12.69	12.94

Source: Economic Modeling Specialists, Inc.

EDUCATION

High School Graduates

From 1995 to 2005 (latest data available), the number of Lexington County students receiving high school diplomas rose by 690 (34%). In South Carolina, the number of high school diplomas increased 9% from 1995 to 2005. A total of 2,746 people received high school diplomas in Lexington County in 2005. Lexington County had 571 more 12th grade students in 2004-05 than in 1994-95. The number of Lexington County students not passing the exit exam who received a certificate of completion instead of a diploma increased by 60 (to 79) over the 1995-2005 period.



Source: National Center for Education Statistics.

Higher Education Graduates

Almost 2,000 more students graduated from higher educational institutions in the Midlands area in 2006 than in 1996, an increase of 19%. The greatest numerical increase was in the healthcare field.

Program	1996	2006	Change	% Change
Agriculture, agriculture operations, and related sciences	16	4	-12	-75
Area, ethnic, cultural, and gender studies	19	26	7	37
Biological and biomedical sciences	383	424	41	11
Business, management, marketing, and related support services	1,891	2,175	284	15
Communication, journalism, and related programs	254	450	196	77
Computer and information sciences and support services	219	360	141	64
Construction trades	31	12	-19	-61
Education	1,179	1,142	-37	-3
Engineering technologies/technicians	158	196	38	24
Engineering	289	315	26	9
English language and literature/letters	279	270	-9	-3
Family and consumer sciences/human sciences	97	243	146	151
Foreign languages, literatures, and linguistics	79	70	-9	-11
Health professions and related clinical sciences	1,492	2,041	549	37
Legal professions and studies	369	409	40	11
Liberal arts and sciences, general studies and humanities	780	585	-195	-25
Library science	185	200	15	8
Mathematics and statistics	110	102	-8	-7
Mechanic and repair technologies/technicians	231	407	176	76
Multi/interdisciplinary studies	76	143	67	88
Natural resources and conservation	15	3	-12	-80
Parks, recreation, leisure, and fitness studies	126	256	130	103
Philosophy and religious studies	30	52	22	73
Physical sciences	147	146	-1	-1
Precision production	81	54	-27	-33
Psychology	291	429	138	47
Public administration and social service professions	358	378	20	6
Science technologies/technicians	6	5	-1	-17
Security and protective services	423	378	-45	-11
Social sciences	650	789	139	21
Theology and religious vocations	280	323	43	15
Visual and performing arts	195	341	146	75
TOTAL	10,739	12,728	1,989	19

Source: National Center for Education Statistics (Integrated Post Secondary Education System).

Data for these schools: Aiken Technical College, Allen University, Benedict College, Beta Tech, Central Carolina Technical College, Claflin University, Columbia College, Columbia International University, Lutheran Theological Southern Seminary, Midlands Technical College, Morris College, Newberry College, Orangeburg Calhoun Technical College, South Carolina State University, South University, University of Phoenix-Columbia Campus, University of South Carolina-Aiken, University of South Carolina-Columbia, University of South Carolina-Lancaster, University of South Carolina-Sumter and W L Bonner College

OCCUPATIONS

Occupational Projections

Most occupational groups are projected to grow faster in Lexington County than in the state.

See **Appendix A** for detailed occupational information.

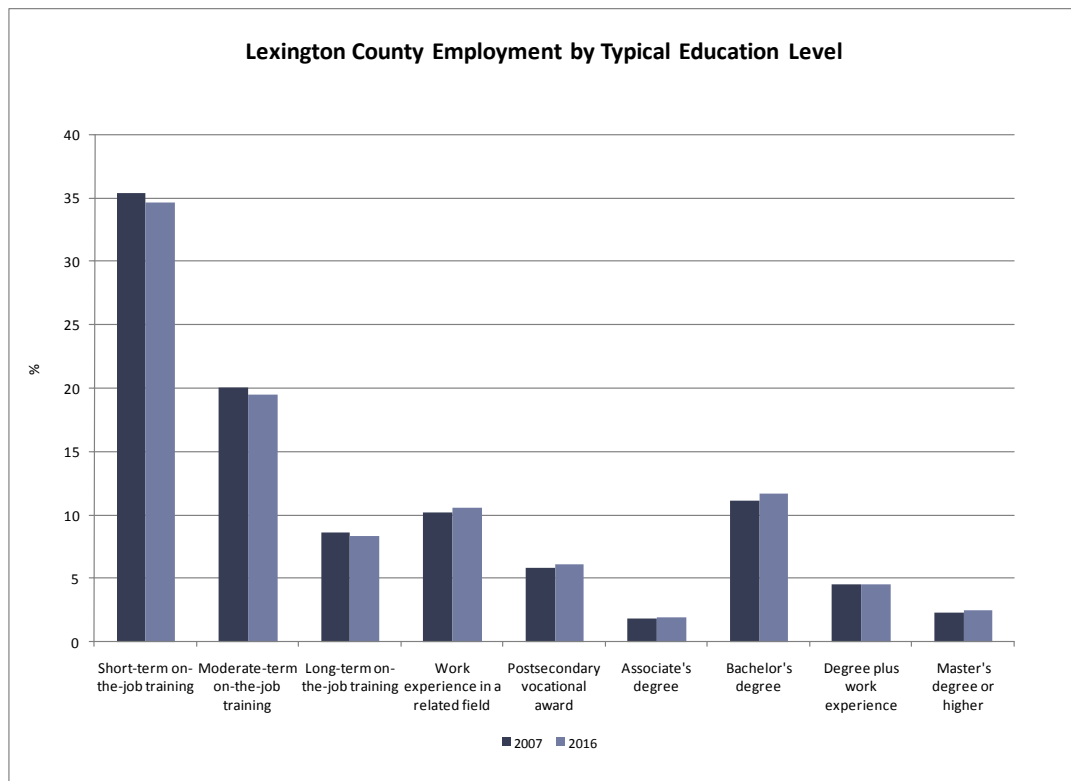
Occupation	2007-2016 Lexington County Projected Growth (%)	2007-2016 SC Projected Growth (%)
Management occupations	21	17
Business and financial operations occupations	22	22
Computer and mathematical science occupations	29	23
Architecture and engineering occupations	16	15
Life, physical and social science occupations	21	15
Community and social services occupations	23	15
Legal occupations	28	21
Education, training and library occupations	21	16
Arts, design, entertainment, sports and media occupations	22	17
Healthcare practitioners and technical occupations	30	24
Healthcare support occupations	35	25
Protective service occupations	14	18
Food preparation and serving related occupations	15	13
Building and grounds cleaning and maintenance occupations	26	23
Personal care and service occupations	15	7
Sales and related occupations	26	19
Office and administrative support occupations	15	13
Farming, fishing and forestry occupations	14	16
Construction and extraction occupations	18	19
Installation, maintenance and repair occupations	16	17
Production occupations	5	10
Transportation and material moving occupations	10	11

Source: Economic Modeling Specialists, Inc.

Occupational Education Requirements

The trend for occupational growth shows that there will be growth in jobs across skill levels. However, based on employment projections, more of Lexington County's job growth will be in these categories of education and experience:

- Work experience in a related field
- Postsecondary vocational award
- Associate's degree
- Bachelor's degree
- Master's degree or higher



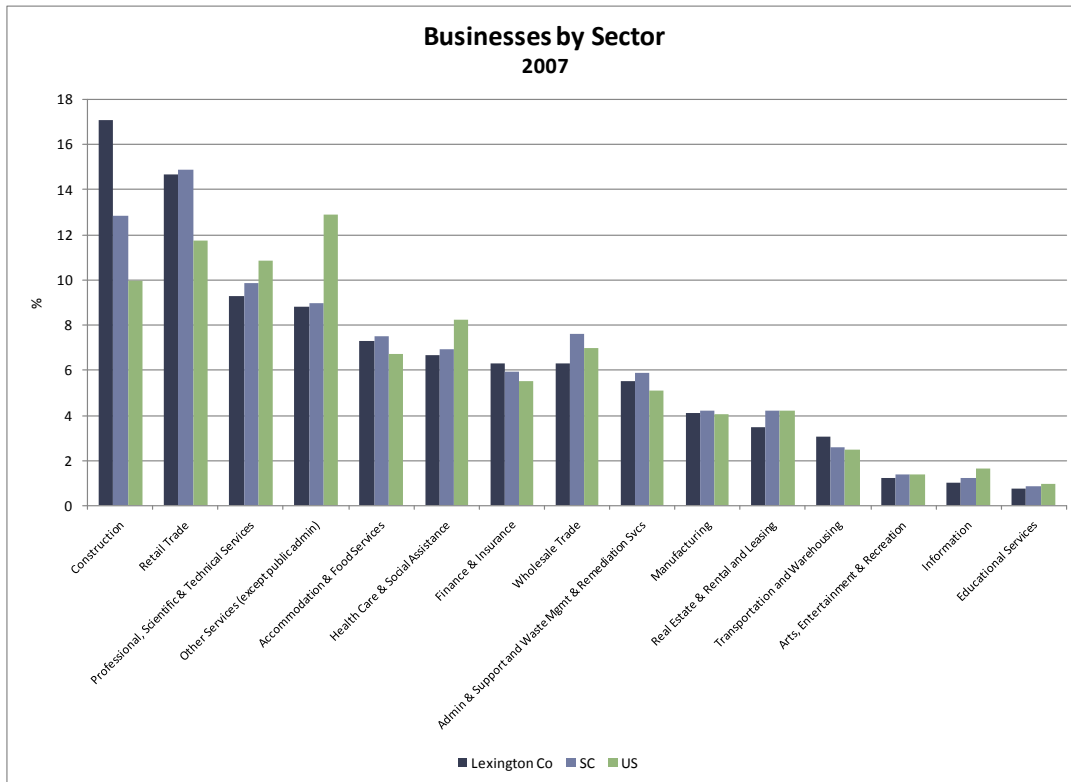
Source: Economic Modeling Specialists, Inc

INDUSTRY

Businesses by Sector

Lexington County had higher percentages of businesses than South Carolina or the nation in the following sectors:

- Construction
- Finance and insurance
- Transportation and warehousing



Source: U.S. Department of Labor, Bureau of Labor Statistics.

Growth in Number of Businesses

The number of private businesses in Lexington County fell by 2% from 2002 to 2007, matching the 2% drop for the state. For industry definitions, this analysis uses the North American Industry Classification System (NAICS), the U.S. standard for industry classification.

At the three-digit NAICS code level, Lexington County had higher growth in 16 industries compared to South Carolina and the U.S. Below is a list of those 16 industries along with their respective growth rates.

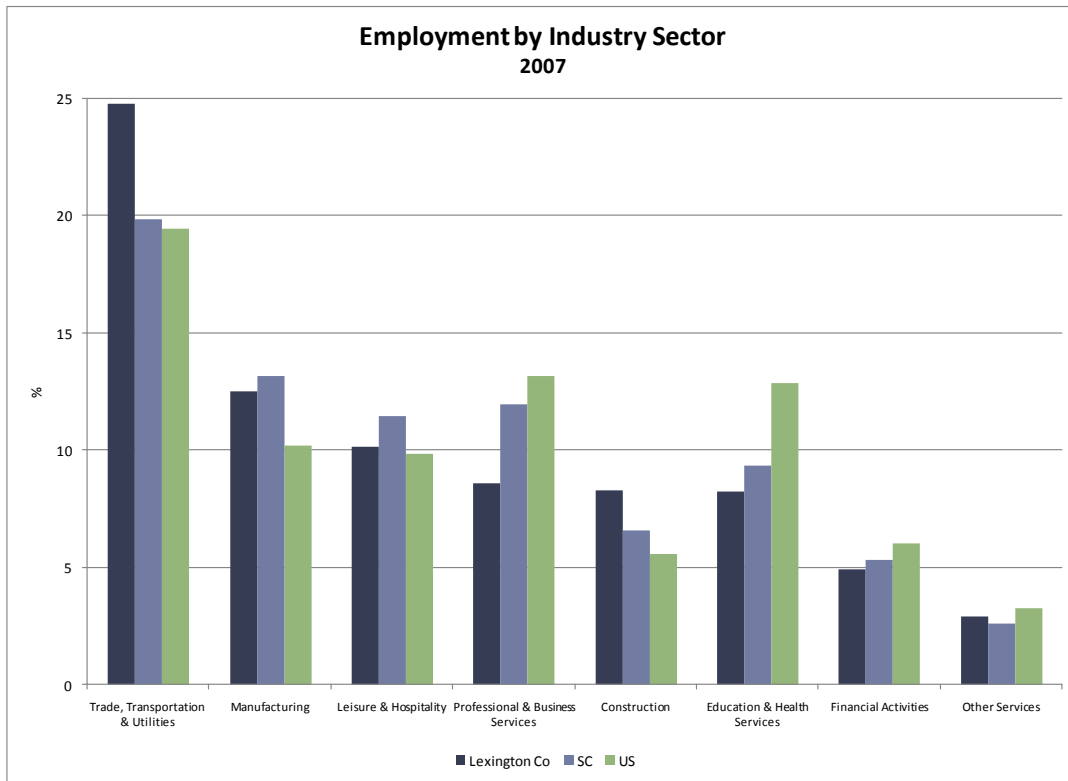
See **Appendix B** for information on all industries.

Industry	2002-2007 Growth (%)		
	Lexington Co.	SC	US
Food manufacturing	11.1	-13.3	-3.3
Paper manufacturing	50.0	12.2	-7.5
Chemical manufacturing	33.3	-1.6	1.5
Transportation equipment manufacturing	28.6	4.9	-1.1
Merchant wholesalers, nondurable goods	9.1	-5.0	-3.5
Motor vehicle and parts dealers	5.9	-11.6	2.2
Gasoline stations	38.2	-2.8	-1.9
General merchandise stores	51.4	17.5	13.3
Air transportation	33.3	-3.9	6.3
Couriers and messengers	33.3	12.8	5.6
Warehousing and storage	22.2	-13.8	14.5
Insurance carriers and relate activities	16.8	0.3	6.7
Ambulatory health care services	17.0	7.4	13.3
Nursing and residential care facilities	21.4	0.4	8.8
Personal and laundry services	8.8	-2.4	7.2
Religious, grantmaking, civic, professional and similar organizations	17.5	-2.0	3.3

Source: U.S. Department of Labor, Bureau of Labor Statistics.

Employment by Sector

Compared to the state and nation, Lexington County has a higher share of jobs in trade, transportation and utilities, and construction.



Source: U.S. Department of Labor, Bureau of Labor Statistics.

Industry Analysis

Screening Criteria

Industry sectors were rated on six factors:

- | | |
|------------------------------------|---------------------------------|
| • 2002-2007 employment growth | Competitive effect ¹ |
| • 2002-2007 employment growth rate | Average annual wage |
| • Location quotient ² | Projected growth |

Using those factors, sectors were awarded “stars” based on meeting the following criteria:

- 2002-2007 employment growth of 100 or more (Did the sector add a significant number of jobs?)
- 2002-2007 employment growth rate greater than 16.6% (growth rate for all jobs in the county) (Did the sector add jobs?)
- Location quotient of at least 1.25 (Does the sector have a significant concentration in the county?)
- Competitive effect greater than 0 (Did the sector add jobs beyond national growth overall and in the sector?)
- Average annual wage greater than \$33,100 (2007 average for the county) (Does the sector pay wages greater than average for the county?)
- Average or above average projected growth (Is the sector expected to add jobs?)

Industries of Note

Based on these criteria, these are “six star” sectors in Lexington County:

- Heavy and civil engineering construction
- Specialty trade contractors
- Merchant wholesalers, durable goods

Industry sectors that generate wealth from outside the area are referred to as the region’s base economy. Base economy sectors are important to an area’s economic well-being. Heavy and civil engineering construction and wholesaling are generally considered to be base economy sectors. Specialty trade contractors can be a base economy sector to the extent that it involves new home or nonresidential construction.

The following are “five star” sectors in Lexington County:

- Gasoline stations (with only below average wages)
- Truck transportation (below average projected growth)
- Warehousing and storage (low location quotient)

¹ *Competitive Effect: based on shift-share analysis; represents the change in employment in the sector in the county after accounting for overall US employment growth and growth/decline in the sector in the US.*

² *Location Quotient: percentage of employment in the sector in the county divided by the percentage of employment in that sector in the US; gives an indication of how concentrated employment in the sector is in the county compared to the US; based on 2007 data.*

- Insurance carriers and related activities (low location quotient)
- Rental and leasing services (below average growth)
- Waste management and remediation services (growth of less than 100)
- Ambulatory health care services (low location quotient)

Truck transportation, warehousing and storage and ambulatory health care services can be considered base economy sectors for Lexington County.

Other sectors which fit this base economy criteria, have above-average wages, have a high concentration in the area (as indicated by the location quotient), and are projected to grow are:

- Construction of buildings
- Machinery manufacturing
- Forestry and logging

Appendix C has information on all factors for all sectors for Lexington County.

MOVING FORWARD

The South Carolina Department of Commerce appreciates the opportunity to provide this base analysis of Lexington County's labor market. We hope that it will help in advancing the progress of Lexington County's economic development.

What's been done so far?

This analysis identifies the region's assets—both current and future—at a macro level. Labor Market Information (LMI) at the S.C. Department of Commerce developed a Base Labor Analysis report providing an overview of the region's population, industries, occupations, and educational assets. Additionally, these findings were benchmarked against the state and the nation.

What's next?

Because local knowledge is required to interpret and apply the findings appropriately, the Lexington Base Labor Analysis should be used with local stakeholders to identify and define key, targeted industry clusters. Some items to consider when defining these clusters may include the following.

1. *What is Lexington's economic base?*

In order for an economy to grow, it must have a base (export) sector that generates wealth from beyond its borders. Industries in the economic base (manufacturing, scientific and technology services, warehouse and distribution, financial services, regional healthcare, etc.) typically provide occupations with higher pay and benefits as well as better human capital development and promotion opportunities. A successful economic base stimulates the development of the non-base sector (housing, schools, retail, restaurants, personal services, etc.). It also propels the local tax base which, in turn, provides support to community services.

2. *What are strategies to assist low-wage citizens in non-base economy jobs?*

Although the economic base is the driver for long-term growth in a region, implementable strategies for developing job opportunities for low-skilled individuals is a priority for community economic well-being. This need must also be kept in mind when defining target industry clusters.

3. *What other factors are vital to Lexington and its community?*

Over and above pure economic considerations, what is important to the citizens of the Lexington community? How does Lexington want to be perceived? What quality of life issues affect Lexington? These questions may impact the types of industries desired for the area.

How Labor Market Information at the S.C. Department of Commerce can help.

Once local stakeholders have identified key industry clusters vital to the future economic development of the region, LMI can provide more in-depth analysis of each of these industries, their occupations, business establishments, and educational requirements.

1. Detailed Industry Analysis

For each identified industry, LMI can develop a detailed analysis of each sector, including employment, projected growth, staffing patterns, location quotients, and employers. Additionally, the analysis will examine the largest, fastest growing, and declining sectors within the industry cluster.

2. Detailed Occupational Analysis

At this point, the occupations—classified by SOC codes—that make up each of the identified industry clusters can be analyzed in detail. This analysis will include employment, average earnings, educational requirements, projected growth, and completers from available local training programs. It will culminate in identifying gaps between the number of occupations required to sustain and advance industry growth and the number of skilled workers (as identified by educational requirements and program completers) available to fulfill these positions.

3. Identification of Implementable Recommendations

LMI will utilize the findings of the analyses to develop a set of implementable recommendations. These may include recommendations to align community college programs with economic development goals along with others. Finally, local knowledge will once again be called upon to review the findings and develop an action plan for the implementation of feasible solutions.

Appendix A: Occupational Projections for Lexington County

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
11-2011	Advertising and promotions managers	27	30	3	11	0.64	17.51	Degree plus work experience
11-2021	Marketing managers	116	147	31	27	0.72	23.77	Degree plus work experience
11-2022	Sales managers	261	315	54	21	0.95	29.90	Degree plus work experience
11-2031	Public relations managers	59	78	19	32	1.45	24.52	Degree plus work experience
11-3011	Administrative services managers	163	197	34	21	0.86	22.73	Degree plus work experience
11-3021	Computer and information systems managers	145	181	36	25	0.67	35.49	Degree plus work experience
11-3031	Financial managers	450	584	134	30	0.87	24.30	Degree plus work experience
11-3041	Compensation and benefits managers	51	64	13	25	1.27	26.13	Degree plus work experience
11-3042	Training and development managers	28	37	9	32	1.11	27.37	Degree plus work experience

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
11-3049	Human resources managers, all other	35	43	8	23	0.73	26.38	Degree plus work experience
11-3051	Industrial production managers	143	148	5	3	1.17	34.28	Work experience in a related field
11-3061	Purchasing managers	57	67	10	18	1.09	28.95	Degree plus work experience
11-3071	Transportation, storage, and distribution managers	85	104	19	22	1.09	25.40	Work experience in a related field
11-9011	Farm, ranch, and other agricultural managers	159	161	2	1	0.59	5.86	Degree plus work experience
11-9012	Farmers and ranchers	787	797	10	1	0.60	5.85	Long-term on-the-job training
11-9021	Construction managers	1068	1327	259	24	1.87	18.86	Bachelor's degree
11-9031	Education administrators, preschool and child care center/program	70	79	9	13	0.69	9.05	Degree plus work experience
11-9032	Education administrators, elementary and secondary school	266	312	46	17	1.15	42.65	Degree plus work experience
11-9033	Education administrators, postsecondary	40	51	11	28	0.28	14.67	Degree plus work experience
11-9039	Education administrators, all other	46	60	14	30	0.60	16.12	Degree plus work experience

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
11-9041	Engineering managers	88	99	11	13	0.60	38.60	Degree plus work experience
11-9051	Food service managers	377	498	121	32	1.09	16.80	Work experience in a related field
11-9061	Funeral directors	14	11	-3	-21	0.67	36.07	Associate's degree
11-9081	Lodging managers	112	169	57	51	1.01	22.13	Work experience in a related field
11-9111	Medical and health services managers	162	206	44	27	0.70	30.71	Degree plus work experience
11-9141	Property, real estate, and community association managers	897	1303	406	45	1.01	9.41	Bachelor's degree
11-9151	Social and community service managers	72	95	23	32	0.62	12.97	Bachelor's degree
11-9199	Managers, all other	1159	1453	294	25	0.95	37.77	Work experience in a related field
11-1011	Chief executives	1081	1317	236	22	1.26	38.36	Degree plus work experience
11-1021	General and operations managers	1726	1911	185	11	1.22	31.68	Degree plus work experience
11-1031	Legislators	136	154	18	13	2.84	9.21	Degree plus work experience
13-1011	Agents and business managers of artists, performers, and athletes	21	29	8	38	0.70	6.26	Degree plus work experience

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
13-1021	Purchasing agents and buyers, farm products	19	21	2	11	1.60	33.48	Work experience in a related field
13-1022	Wholesale and retail buyers, except farm products	115	129	14	12	0.87	23.19	Work experience in a related field
13-1023	Purchasing agents, except wholesale, retail, and farm products	147	170	23	16	0.65	18.28	Work experience in a related field
13-1031	Claims adjusters, examiners, and investigators	215	237	22	10	0.90	26.44	Long-term on-the-job training
13-1032	Insurance appraisers, auto damage	30	35	5	17	1.36	12.97	Long-term on-the-job training
13-1041	Compliance officers, except agriculture, construction, health and safety, and transportation	68	80	12	18	0.38	17.11	Long-term on-the-job training
13-1051	Cost estimators	181	226	45	25	0.98	19.89	Work experience in a related field
13-1061	Emergency management specialists	16	19	3	19	1.62	18.73	Work experience in a related field
13-1071	Employment, recruitment, and placement specialists	94	107	13	14	0.60	17.52	Bachelor's degree
13-1072	Compensation, benefits, and job analysis specialists	51	63	12	24	0.56	19.39	Bachelor's degree
13-1073	Training and development specialists	139	178	39	28	0.83	19.75	Bachelor's degree
13-1079	Human resources, training, and labor relations specialists, all other	69	83	14	20	0.39	19.59	Bachelor's degree
13-1081	Logisticians	22	28	6	27	0.35	23.12	Bachelor's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
13-1111	Management analysts	565	669	104	18	0.73	21.17	Degree plus work experience
13-1121	Meeting and convention planners	73	100	27	37	1.08	8.75	Bachelor's degree
13-1199	Business operation specialists, all other	297	389	92	31	0.37	20.98	Bachelor's degree
13-2011	Accountants and auditors	1105	1307	202	18	0.92	17.97	Bachelor's degree
13-2021	Appraisers and assessors of real estate	323	471	148	46	0.99	11.26	Postsecondary vocational award
13-2031	Budget analysts	14	16	2	14	0.29	24.61	Bachelor's degree
13-2041	Credit analysts	38	42	4	11	0.72	20.14	Bachelor's degree
13-2051	Financial analysts	110	149	39	35	0.42	14.49	Bachelor's degree
13-2052	Personal financial advisors	402	537	135	34	0.74	12.25	Bachelor's degree
13-2053	Insurance underwriters	51	55	4	8	0.60	22.55	Bachelor's degree
13-2071	Loan counselors	74	79	5	7	1.82	15.14	Bachelor's degree
13-2072	Loan officers	234	276	42	18	0.78	20.69	Bachelor's degree
13-2082	Tax preparers	63	62	-1	-2	0.69	11.00	Moderate-term on-the-job training
13-2099	Financial specialists, all other	58	53	-5	-9	0.50	14.57	Bachelor's degree
15-1011	Computer and information scientists, research	29	39	10	34	0.58	27.74	Doctoral degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
15-1021	Computer programmers	247	267	20	8	0.66	26.93	Bachelor's degree
15-1031	Computer software engineers, applications	112	164	52	46	0.27	31.76	Bachelor's degree
15-1032	Computer software engineers, systems software	229	298	69	30	0.77	30.54	Bachelor's degree
15-1041	Computer support specialists	259	312	53	20	0.59	17.69	Associate's degree
15-1051	Computer systems analysts	203	276	73	36	0.52	24.82	Bachelor's degree
15-1061	Database administrators	37	50	13	35	0.40	23.46	Bachelor's degree
15-1071	Network and computer systems administrators	111	148	37	33	0.46	21.48	Bachelor's degree
15-1081	Network systems and data communications analysts	146	220	74	51	0.67	23.61	Bachelor's degree
15-1099	Computer specialists, all other	59	76	17	29	0.34	28.41	Associate's degree
15-2031	Operations research analysts	41	49	8	20	0.88	25.89	Master's degree
17-1011	Architects, except landscape and naval	78	90	12	15	0.67	25.04	Bachelor's degree
17-1012	Landscape architects	58	69	11	19	1.10	22.73	Bachelor's degree
17-1021	Cartographers and photogrammetrists	20	24	4	20	1.56	20.66	Bachelor's degree
17-1022	Surveyors	69	78	9	13	1.44	16.43	Bachelor's degree
17-2041	Chemical engineers	15	13	-2	-13	0.67	31.59	Bachelor's degree
17-2051	Civil engineers	250	292	42	17	1.13	24.38	Bachelor's degree
17-2071	Electrical engineers	128	144	16	13	1.06	32.19	Bachelor's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
17-2072	Electronics engineers, except computer	32	42	10	31	0.30	26.39	Bachelor's degree
17-2081	Environmental engineers	50	56	6	12	1.18	23.64	Bachelor's degree
17-2111	Health and safety engineers, except mining safety engineers and inspectors	10	11	1	10	--	--	Bachelor's degree
17-2112	Industrial engineers	175	231	56	32	1.12	30.23	Bachelor's degree
17-2131	Materials engineers	16	18	2	13	0.95	32.73	Bachelor's degree
17-2141	Mechanical engineers	137	151	14	10	0.78	31.52	Bachelor's degree
17-2161	Nuclear engineers	20	22	2	10	0.93	35.33	Bachelor's degree
17-2199	Engineers, all other	40	47	7	18	0.30	26.45	Bachelor's degree
17-3011	Architectural and civil drafters	67	67	0	0	0.74	17.79	Postsecondary vocational award
17-3012	Electrical and electronics drafters	32	35	3	9	1.05	20.38	Postsecondary vocational award
17-3013	Mechanical drafters	50	55	5	10	0.81	19.33	Postsecondary vocational award
17-3022	Civil engineering technicians	38	43	5	13	0.55	17.05	Associate's degree
17-3023	Electrical and electronic engineering technicians	116	131	15	13	0.87	22.82	Associate's degree
17-3026	Industrial engineering technicians	79	93	14	18	1.38	15.73	Associate's degree
17-3027	Mechanical engineering technicians	52	58	6	12	1.40	17.26	Associate's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
17-3029	Engineering technicians, except drafters, all other	14	16	2	14	0.22	24.93	Associate's degree
17-3031	Surveying and mapping technicians	71	78	7	10	1.08	15.22	Moderate-term on-the-job training
19-1032	Foresters	12	14	2	17	0.93	23.60	Bachelor's degree
19-2031	Chemists	29	31	2	7	0.46	22.56	Bachelor's degree
19-2041	Environmental scientists and specialists, including health	19	23	4	21	0.25	19.53	Master's degree
19-2042	Geoscientists, except hydrologists and geographers	28	33	5	18	0.80	15.81	Master's degree
19-2043	Hydrologists	17	21	4	24	0.99	19.20	Master's degree
19-3021	Market research analysts	68	82	14	21	0.33	17.97	Bachelor's degree
19-3022	Survey researchers	39	45	6	15	0.73	15.73	Bachelor's degree
19-3031	Clinical, counseling, and school psychologists	84	109	25	30	0.62	18.88	Doctoral degree
19-3032	Industrial-organizational psychologists	50	69	19	38	0.86	14.08	Master's degree
19-3039	Psychologists, all other	50	69	19	38	0.80	14.14	Master's degree
19-3051	Urban and regional planners	13	16	3	23	0.50	22.37	Master's degree
19-4031	Chemical technicians	37	33	-4	-11	0.77	16.01	Associate's degree
19-4051	Nuclear technicians	18	18	0	0	3.13	27.24	Associate's degree
19-4091	Environmental science and protection technicians, including health	25	30	5	20	0.86	18.65	Associate's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
21-1011	Substance abuse and behavioral disorder counselors	18	24	6	33	0.25	10.47	Master's degree
21-1012	Educational, vocational, and school counselors	204	252	48	24	1.01	20.03	Master's degree
21-1013	Marriage and family therapists	19	25	6	32	0.64	11.72	Master's degree
21-1014	Mental health counselors	39	51	12	31	0.44	14.36	Master's degree
21-1015	Rehabilitation counselors	76	104	28	37	0.66	14.24	Master's degree
21-1019	Counselors, all other	24	30	6	25	0.76	12.45	Master's degree
21-1021	Child, family, and school social workers	250	303	53	21	1.08	12.89	Bachelor's degree
21-1022	Medical and public health social workers	95	144	49	52	0.94	17.10	Bachelor's degree
21-1023	Mental health and substance abuse social workers	39	51	12	31	0.37	12.48	Master's degree
21-1029	Social workers, all other	73	95	22	30	1.26	16.49	Bachelor's degree
21-1091	Health educators	40	53	13	33	0.82	16.60	Master's degree
21-1092	Probation officers and correctional treatment specialists	22	27	5	23	0.31	14.07	Bachelor's degree
21-1093	Social and human service assistants	144	186	42	29	0.52	10.69	Moderate-term on-the-job training
21-1099	Community and social service specialists, all other	68	87	19	28	0.71	12.19	Bachelor's degree
21-2011	Clergy	235	250	15	6	1.23	7.21	Master's degree
21-2021	Directors, religious activities and education	88	93	5	6	1.23	7.13	Bachelor's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
21-2099	Religious workers, all other	37	39	2	5	1.18	6.22	Bachelor's degree
23-1011	Lawyers	444	573	129	29	0.67	31.43	First professional degree
23-1022	Arbitrators, mediators, and conciliators	10	12	2	20	1.55	13.66	Degree plus work experience
23-1023	Judges, magistrate judges, and magistrates	18	22	4	22	0.93	23.87	Degree plus work experience
23-2011	Paralegals and legal assistants	152	206	54	36	0.80	14.73	Associate's degree
23-2091	Court reporters	27	35	8	30	1.04	10.51	Postsecondary vocational award
23-2092	Law clerks	63	76	13	21	1.68	15.07	Bachelor's degree
23-2093	Title examiners, abstractors, and searchers	50	57	7	14	0.79	13.76	Moderate-term on-the-job training
23-2099	Legal support workers, all other	29	38	9	31	0.66	12.78	Bachelor's degree
25-1099	Postsecondary teachers	410	534	124	30	0.34	47.26	Doctoral degree
25-2011	Preschool teachers, except special education	268	276	8	3	0.68	8.06	Postsecondary vocational award
25-2012	Kindergarten teachers, except special education	106	129	23	22	0.73	24.39	Bachelor's degree
25-2021	Elementary school teachers, except special education	1575	1906	331	21	1.24	27.62	Bachelor's degree
25-2022	Middle school teachers, except special and vocational education	605	720	115	19	1.09	29.64	Bachelor's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
25-2023	Vocational education teachers, middle school	30	32	2	7	0.89	31.35	Degree plus work experience
25-2031	Secondary school teachers, except special and vocational education	1265	1443	178	14	1.50	30.43	Bachelor's degree
25-2032	Vocational education teachers, secondary school	46	48	2	4	0.55	25.11	Degree plus work experience
25-2041	Special education teachers, preschool, kindergarten, and elementary school	105	134	29	28	0.59	30.32	Bachelor's degree
25-2042	Special education teachers, middle school	47	59	12	26	0.57	28.36	Bachelor's degree
25-2043	Special education teachers, secondary school	68	79	11	16	0.61	29.99	Bachelor's degree
25-3011	Adult literacy, remedial education, and GED teachers and instructors	185	276	91	49	1.63	11.40	Bachelor's degree
25-3021	Self-enrichment education teachers	249	352	103	41	1.21	8.52	Work experience in a related field
25-3099	Teachers and instructors, all other	835	1059	224	27	1.59	17.66	Bachelor's degree
25-4021	Librarians	134	151	17	13	1.08	21.40	Master's degree
25-4031	Library technicians	91	108	17	19	0.97	12.40	Postsecondary vocational award
25-9031	Instructional coordinators	94	126	32	34	0.87	27.94	Master's degree
25-9041	Teacher assistants	956	1093	137	14	0.88	10.26	Short-term on-the-job training
25-9099	Education, training, and library workers, all other	19	22	3	16	0.23	12.85	Bachelor's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
27-1011	Art directors	72	91	19	26	0.72	6.95	Degree plus work experience
27-1012	Craft artists	67	86	19	28	0.89	5.98	Long-term on-the-job training
27-1013	Fine artists, including painters, sculptors, and illustrators	68	86	18	26	0.84	6.13	Long-term on-the-job training
27-1014	Multi-media artists and animators	79	103	24	30	0.84	6.86	Bachelor's degree
27-1019	Artists and related workers, all other	67	85	18	27	0.86	5.94	Long-term on-the-job training
27-1021	Commercial and industrial designers	51	61	10	20	0.90	14.07	Bachelor's degree
27-1022	Fashion designers	35	44	9	26	0.82	15.93	Associate's degree
27-1023	Floral designers	82	110	28	34	1.06	11.68	Moderate-term on-the-job training
27-1024	Graphic designers	132	157	25	19	0.69	15.11	Bachelor's degree
27-1025	Interior designers	58	72	14	24	0.80	16.28	Associate's degree
27-1026	Merchandise displayers and window trimmers	79	95	16	20	0.98	14.64	Moderate-term on-the-job training
27-1027	Set and exhibit designers	35	43	8	23	0.95	15.65	Bachelor's degree
27-1029	Designers, all other	36	45	9	25	0.91	15.71	Bachelor's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
27-2011	Actors	36	45	9	25	0.45	6.18	Long-term on-the-job training
27-2012	Producers and directors	38	48	10	26	0.40	9.14	Degree plus work experience
27-2021	Athletes and sports competitors	30	40	10	33	0.93	6.66	Long-term on-the-job training
27-2022	Coaches and scouts	136	178	42	31	0.91	14.65	Long-term on-the-job training
27-2023	Umpires, referees, and other sports officials	31	42	11	35	0.95	7.01	Long-term on-the-job training
27-2032	Choreographers	22	26	4	18	1.14	12.71	Work experience in a related field
27-2041	Music directors and composers	112	138	26	23	0.90	5.93	Degree plus work experience
27-2042	Musicians and singers	151	174	23	15	0.86	6.53	Long-term on-the-job training
27-2099	Entertainers and performers, sports and related workers, all other	51	58	7	14	0.52	6.14	Long-term on-the-job training
27-3011	Radio and television announcers	23	18	-5	-22	0.53	6.24	Long-term on-the-job training
27-3012	Public address system and other announcers	12	15	3	25	0.66	6.30	Long-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
27-3022	Reporters and correspondents	11	12	1	9	0.22	7.93	Degree plus work experience
27-3031	Public relations specialists	136	164	28	21	0.66	16.41	Bachelor's degree
27-3041	Editors	51	63	12	24	0.44	10.13	Bachelor's degree
27-3042	Technical writers	16	20	4	25	0.36	14.87	Bachelor's degree
27-3043	Writers and authors	210	272	62	30	0.70	5.93	Bachelor's degree
27-3091	Interpreters and translators	99	116	17	17	0.90	19.31	Long-term on-the-job training
27-3099	Media and communication workers, all other	87	100	13	15	0.84	18.78	Long-term on-the-job training
27-4011	Audio and video equipment technicians	12	15	3	25	0.32	14.45	Long-term on-the-job training
27-4021	Photographers	539	627	88	16	0.94	15.12	Long-term on-the-job training
27-4031	Camera operators, television, video, and motion picture	23	28	5	22	1.01	17.52	Moderate-term on-the-job training
29-1011	Chiropractors	43	54	11	26	0.97	38.28	First professional degree
29-1021	Dentists, general	58	67	9	16	0.77	67.20	First professional degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
29-1023	Orthodontists	11	13	2	18	0.90	79.31	First professional degree
29-1031	Dietitians and nutritionists	44	55	11	25	0.81	19.39	Bachelor's degree
29-1041	Optometrists	21	18	-3	-14	0.58	25.99	First professional degree
29-1051	Pharmacists	210	309	99	47	1.10	44.41	First professional degree
29-1069	Physicians and surgeons	355	410	55	15	0.56	70.22	First professional degree
29-1071	Physician assistants	13	17	4	31	0.25	37.38	Bachelor's degree
29-1081	Podiatrists	21	29	8	38	0.75	16.96	First professional degree
29-1111	Registered nurses	922	1,216	294	32	0.48	23.61	Associate's degree
29-1122	Occupational therapists	46	60	14	30	0.57	27.63	Master's degree
29-1123	Physical therapists	82	112	30	37	0.55	27.13	Master's degree
29-1125	Recreational therapists	19	22	3	16	1.01	10.10	Bachelor's degree
29-1126	Respiratory therapists	56	83	27	48	0.72	19.49	Associate's degree
29-1127	Speech-language pathologists	74	91	17	23	0.74	21.92	Master's degree
29-1129	Therapists, all other	34	46	12	35	0.80	14.12	Bachelor's degree

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
29-1131	Veterinarians	54	78	24	44	1.02	37.16	First professional degree
29-1199	Health diagnosing and treating practitioners, all other	46	60	14	30	0.60	16.44	Bachelor's degree
29-2011	Medical and clinical laboratory technologists	69	74	5	7	0.55	22.67	Bachelor's degree
29-2012	Medical and clinical laboratory technicians	68	76	8	12	0.59	14.97	Associate's degree
29-2021	Dental hygienists	165	223	58	35	1.25	24.45	Associate's degree
29-2031	Cardiovascular technologists and technicians	28	37	9	32	0.80	17.98	Associate's degree
29-2032	Diagnostic medical sonographers	16	19	3	19	0.44	27.37	Associate's degree
29-2034	Radiologic technologists and technicians	58	66	8	14	0.39	21.58	Associate's degree
29-2041	Emergency medical technicians and paramedics	254	408	154	61	1.64	10.78	Postsecondary vocational award
29-2051	Dietetic technicians	20	24	4	20	1.04	12.45	Moderate-term on-the-job training
29-2052	Pharmacy technicians	148	200	52	35	0.67	9.43	Moderate-term on-the-job training
29-2055	Surgical technologists	46	58	12	26	0.70	15.67	Postsecondary vocational award
29-2056	Veterinary technologists and technicians	64	94	30	47	1.15	8.88	Associate's degree
29-2061	Licensed practical and licensed vocational nurses	490	611	121	25	0.86	15.45	Postsecondary vocational award

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
29-2071	Medical records and health information technicians	96	121	25	26	0.74	15.03	Associate's degree
29-2081	Opticians, dispensing	91	105	14	15	1.44	11.33	Long-term on-the-job training
29-2091	Orthotists and prosthetists	12	16	4	33	1.16	25.47	Bachelor's degree
29-2099	Healthcare technologists and technicians, all other	19	22	3	16	0.30	17.05	Postsecondary vocational award
29-9011	Occupational health and safety specialists	59	67	8	14	1.73	16.00	Bachelor's degree
31-1011	Home health aides	678	1,133	455	67	1.03	11.37	Short-term on-the-job training
31-1012	Nursing aides, orderlies, and attendants	997	1,182	185	19	0.87	9.36	Postsecondary vocational award
31-1013	Psychiatric aides	50	66	16	32	0.51	27.11	Short-term on-the-job training
31-2021	Physical therapist assistants	14	18	4	29	0.29	20.09	Associate's degree
31-2022	Physical therapist aides	10	11	1	10	--	--	Short-term on-the-job training
31-9011	Massage therapists	65	53	-12	-18	0.85	7.91	Postsecondary vocational award
31-9091	Dental assistants	238	321	83	35	1.09	15.74	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
31-9092	Medical assistants	179	241	62	35	0.54	12.09	Moderate-term on-the-job training
31-9093	Medical equipment preparers	26	36	10	38	0.64	9.93	Short-term on-the-job training
31-9094	Medical transcriptionists	33	41	8	24	0.43	10.76	Postsecondary vocational award
31-9095	Pharmacy aides	37	46	9	24	0.82	6.61	Short-term on-the-job training
31-9096	Veterinary assistants and laboratory animal caretakers	58	74	16	28	0.91	6.94	Short-term on-the-job training
31-9099	Healthcare support workers, all other	67	81	14	21	0.44	12.36	Short-term on-the-job training
33-1012	First-line supervisors/managers of police and detectives	32	40	8	25	0.46	22.17	Work experience in a related field
33-1021	First-line supervisors/managers of fire fighting and prevention workers	15	19	4	27	0.38	21.05	Work experience in a related field
33-1099	First-line supervisors/managers, protective service workers, all other	14	14	0	0	0.37	17.46	Work experience in a related field
33-2011	Fire fighters	143	178	35	24	0.65	17.56	Long-term on-the-job training
33-2021	Fire inspectors and investigators	13	16	3	23	1.22	17.77	Work experience in a related field

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
33-3011	Bailiffs	13	16	3	23	0.94	11.50	Moderate-term on-the-job training
33-3012	Correctional officers and jailers	231	298	67	29	0.71	11.74	Moderate-term on-the-job training
33-3021	Detectives and criminal investigators	45	60	15	33	0.57	22.68	Work experience in a related field
33-3041	Parking enforcement workers	14	17	3	21	1.71	12.66	Short-term on-the-job training
33-3051	Police and sheriff's patrol officers	649	800	151	23	1.30	17.77	Long-term on-the-job training
33-9011	Animal control workers	17	22	5	29	1.50	17.89	Moderate-term on-the-job training
33-9021	Private detectives and investigators	24	21	-3	-13	0.46	17.01	Work experience in a related field
33-9032	Security guards	383	307	-76	-20	0.48	12.44	Short-term on-the-job training
33-9091	Crossing guards	38	42	4	11	0.74	8.98	Short-term on-the-job training
33-9092	Lifeguards, ski patrol, and other recreational protective service workers	80	104	24	30	0.86	7.80	Short-term on-the-job training
33-9099	Protective service workers, all other	37	44	7	19	0.57	9.15	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
35-1011	Chefs and head cooks	83	96	13	16	0.83	13.26	Work experience in a related field
35-1012	First-line supervisors/managers of food preparation and serving workers	774	930	156	20	1.16	12.35	Work experience in a related field
35-2011	Cooks, fast food	862	993	131	15	1.76	7.36	Short-term on-the-job training
35-2012	Cooks, institution and cafeteria	411	465	54	13	1.29	9.39	Moderate-term on-the-job training
35-2013	Cooks, private household	10	15	5	50	1.11	17.57	Long-term on-the-job training
35-2014	Cooks, restaurant	730	795	65	9	1.11	8.46	Long-term on-the-job training
35-2015	Cooks, short order	296	332	36	12	1.89	7.39	Short-term on-the-job training
35-2019	Cooks, all other	11	16	5	45	0.63	17.66	Moderate-term on-the-job training
35-2021	Food preparation workers	806	945	139	17	1.15	7.53	Short-term on-the-job training
35-3011	Bartenders	212	256	44	21	0.53	6.01	Short-term on-the-job training
35-3021	Combined food preparation and serving workers, including fast food	1,672	2,077	405	24	0.86	6.31	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
35-3022	Counter attendants, cafeteria, food concession, and coffee shop	423	477	54	13	1.02	6.66	Short-term on-the-job training
35-3031	Waiters and waitresses	1,912	2,089	177	9	1.05	6.15	Short-term on-the-job training
35-3041	Food servers, nonrestaurant	55	67	12	22	0.38	6.69	Short-term on-the-job training
35-9011	Dining room and cafeteria attendants and bartender helpers	404	441	37	9	1.26	9.02	Short-term on-the-job training
35-9021	Dishwashers	294	321	27	9	0.73	6.78	Short-term on-the-job training
35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	264	284	20	8	0.96	6.80	Short-term on-the-job training
37-1011	First-line supervisors/managers of housekeeping and janitorial workers	314	392	78	25	1.06	9.43	Work experience in a related field
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	196	255	59	30	1.66	13.47	Work experience in a related field
37-2011	Janitors and cleaners, except maids and housekeeping cleaners	1,429	1,706	277	19	0.80	8.51	Short-term on-the-job training
37-2012	Maids and housekeeping cleaners	976	1,234	258	26	0.69	6.19	Short-term on-the-job training
37-2019	Building cleaning workers, all other	482	657	175	36	1.26	6.57	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
37-2021	Pest control workers	194	228	34	18	2.64	12.43	Moderate-term on-the-job training
37-3011	Landscaping and groundskeeping workers	794	1,034	240	30	0.98	8.98	Short-term on-the-job training
37-3012	Pesticide handlers, sprayers, and applicators, vegetation	158	206	48	30	1.97	8.96	Moderate-term on-the-job training
37-3013	Tree trimmers and pruners	125	164	39	31	1.54	8.05	Short-term on-the-job training
37-3019	Grounds maintenance workers, all other	150	194	44	29	1.94	7.28	Short-term on-the-job training
39-1011	Gaming supervisors	19	21	2	11	0.56	6.19	Work experience in a related field
39-1012	Slot key persons	18	21	3	17	0.72	6.37	Postsecondary vocational award
39-1021	First-line supervisors/managers of personal service workers	201	197	-4	-2	1.06	8.52	Work experience in a related field
39-2011	Animal trainers	63	50	-13	-21	0.85	5.94	Moderate-term on-the-job training
39-2021	Nonfarm animal caretakers	368	300	-68	-18	1.28	6.13	Short-term on-the-job training
39-3011	Gaming dealers	14	18	4	29	0.20	7.81	Postsecondary vocational award

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
39-3012	Gaming and sports book writers and runners	31	40	9	29	1.89	6.76	Short-term on-the-job training
39-3031	Ushers, lobby attendants, and ticket takers	45	48	3	7	0.56	8.61	Short-term on-the-job training
39-3091	Amusement and recreation attendants	172	204	32	19	0.91	7.28	Short-term on-the-job training
39-4021	Funeral attendants	48	62	14	29	1.94	10.77	Short-term on-the-job training
39-5011	Barbers	45	28	-17	-38	1.18	6.32	Postsecondary vocational award
39-5012	Hairdressers, hairstylists, and cosmetologists	505	476	-29	-6	1.16	8.75	Postsecondary vocational award
39-5092	Manicurists and pedicurists	27	27	0	0	0.57	7.93	Postsecondary vocational award
39-5093	Shampooers	14	10	-4	-29	--	--	Short-term on-the-job training
39-5094	Skin care specialists	21	19	-2	-10	0.75	7.37	Postsecondary vocational award
39-6021	Tour guides and escorts	16	19	3	19	0.48	9.04	Moderate-term on-the-job training
39-6022	Travel guides	10	13	3	30	--	--	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
39-6031	Flight attendants	65	77	12	18	0.86	21.07	Long-term on-the-job training
39-9011	Child care workers	1,130	1,310	180	16	0.89	6.63	Short-term on-the-job training
39-9021	Personal and home care aides	502	854	352	70	0.75	14.08	Short-term on-the-job training
39-9031	Fitness trainers and aerobics instructors	239	335	96	40	1.17	12.00	Postsecondary vocational award
39-9032	Recreation workers	257	313	56	22	0.95	7.93	Short-term on-the-job training
39-9041	Residential advisors	14	18	4	29	0.34	8.95	Moderate-term on-the-job training
39-9099	Personal care and service workers, all other	80	50	-30	-38	0.87	6.44	Short-term on-the-job training
41-1011	First-line supervisors/managers of retail sales workers	2,318	2,855	537	23	1.34	17.61	Work experience in a related field
41-1012	First-line supervisors/managers of non-retail sales workers	880	1,056	176	20	1.22	26.72	Work experience in a related field
41-2011	Cashiers, except gaming	3,720	4,520	800	22	1.35	7.11	Short-term on-the-job training
41-2012	Gaming change persons and booth cashiers	52	64	12	23	1.06	22.78	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
41-2021	Counter and rental clerks	480	698	218	45	1.28	10.85	Short-term on-the-job training
41-2022	Parts salespersons	275	280	5	2	1.49	14.65	Moderate-term on-the-job training
41-2031	Retail salespersons	3,608	4,296	688	19	0.93	11.89	Short-term on-the-job training
41-3011	Advertising sales agents	71	77	6	8	0.41	14.74	Moderate-term on-the-job training
41-3021	Insurance sales agents	678	849	171	25	1.20	9.13	Bachelor's degree
41-3031	Securities, commodities, and financial services sales agents	319	407	88	28	0.61	13.25	Bachelor's degree
41-3041	Travel agents	23	22	-1	-4	0.26	13.65	Postsecondary vocational award
41-3099	Sales representatives, services, all other	390	521	131	34	0.71	15.52	Moderate-term on-the-job training
41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	348	412	64	18	0.85	42.48	Moderate-term on-the-job training
41-4012	Sales representatives, wholesale and manufacturing, except technical and scientific products	1,428	1,706	278	19	1.13	25.57	Moderate-term on-the-job training
41-9011	Demonstrators and product promoters	101	126	25	25	1.04	9.60	Moderate-term on-the-job training
41-9012	Models	37	47	10	27	1.21	5.97	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
41-9021	Real estate brokers	1,433	2,110	677	47	1.09	9.24	Work experience in a related field
41-9022	Real estate sales agents	1,532	2,217	685	45	1.09	8.96	Postsecondary vocational award
41-9031	Sales engineers	40	49	9	23	0.67	27.79	Bachelor's degree
41-9041	Telemarketers	115	121	6	5	0.36	9.48	Short-term on-the-job training
41-9091	Door-to-door sales workers, news and street vendors, and related workers	1,216	1,557	341	28	1.41	5.87	Short-term on-the-job training
41-9099	Sales and related workers, all other	295	369	74	25	1.06	10.36	Moderate-term on-the-job training
43-1011	First-line supervisors/managers of office and administrative support workers	1,389	1,625	236	17	1.18	16.84	Work experience in a related field
43-2011	Switchboard operators, including answering service	108	107	-1	-1	0.77	9.87	Short-term on-the-job training
43-2021	Telephone operators	37	15	-22	-59	1.59	11.22	Short-term on-the-job training
43-3011	Bill and account collectors	373	503	130	35	1.10	11.34	Short-term on-the-job training
43-3021	Billing and posting clerks and machine operators	439	485	46	10	1.04	12.17	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
43-3031	Bookkeeping, accounting, and auditing clerks	1,684	2,014	330	20	0.96	13.11	Moderate-term on-the-job training
43-3041	Gaming cage workers	13	14	1	8	0.89	14.01	Short-term on-the-job training
43-3051	Payroll and timekeeping clerks	173	188	15	9	1.04	14.12	Moderate-term on-the-job training
43-3061	Procurement clerks	69	76	7	10	1.16	13.58	Short-term on-the-job training
43-3071	Tellers	347	510	163	47	0.72	12.54	Short-term on-the-job training
43-4021	Correspondence clerks	10	13	3	30	0.72	10.14	Short-term on-the-job training
43-4031	Court, municipal, and license clerks	39	47	8	21	0.46	13.89	Short-term on-the-job training
43-4041	Credit authorizers, checkers, and clerks	49	49	0	0	0.93	12.37	Short-term on-the-job training
43-4051	Customer service representatives	1,600	2,102	502	31	0.92	12.23	Moderate-term on-the-job training
43-4071	File clerks	180	131	-49	-27	0.97	9.14	Short-term on-the-job training
43-4081	Hotel, motel, and resort desk clerks	134	140	6	4	0.78	8.41	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
43-4111	Interviewers, except eligibility and loan	89	105	16	18	0.48	12.08	Short-term on-the-job training
43-4121	Library assistants, clerical	125	148	23	18	1.42	10.65	Short-term on-the-job training
43-4131	Loan interviewers and clerks	150	157	7	5	0.74	14.88	Short-term on-the-job training
43-4141	New accounts clerks	90	100	10	11	1.40	13.25	Work experience in a related field
43-4151	Order clerks	163	139	-24	-15	0.78	11.89	Short-term on-the-job training
43-4161	Human resources assistants, except payroll and timekeeping	141	171	30	21	1.09	14.08	Short-term on-the-job training
43-4171	Receptionists and information clerks	612	743	131	21	0.67	9.80	Short-term on-the-job training
43-4181	Reservation and transportation ticket agents and travel clerks	65	69	4	6	0.50	16.68	Short-term on-the-job training
43-4199	Information and record clerks, all other	62	60	-2	-3	0.34	14.10	Short-term on-the-job training
43-5011	Cargo and freight agents	78	93	15	19	1.17	14.88	Moderate-term on-the-job training
43-5021	Couriers and messengers	360	468	108	30	1.48	22.00	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
43-5031	Police, fire, and ambulance dispatchers	60	76	16	27	0.77	14.80	Moderate-term on-the-job training
43-5032	Dispatchers, except police, fire, and ambulance	209	219	10	5	1.40	13.00	Moderate-term on-the-job training
43-5041	Meter readers, utilities	75	69	-6	-8	2.09	10.45	Short-term on-the-job training
43-5051	Postal service clerks	28	32	4	14	0.45	19.32	Short-term on-the-job training
43-5052	Postal service mail carriers	148	169	21	14	0.57	18.86	Short-term on-the-job training
43-5053	Postal service mail sorters, processors, and processing machine operators	112	117	5	4	0.72	18.89	Short-term on-the-job training
43-5061	Production, planning, and expediting clerks	176	200	24	14	0.77	17.15	Short-term on-the-job training
43-5071	Shipping, receiving, and traffic clerks	872	969	97	11	1.46	10.83	Short-term on-the-job training
43-5081	Stock clerks and order fillers	2,100	2,088	-12	-1	1.56	9.78	Short-term on-the-job training
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping	39	36	-3	-8	0.63	11.34	Short-term on-the-job training
43-6011	Executive secretaries and administrative assistants	812	978	166	20	0.62	15.23	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
43-6012	Legal secretaries	190	242	52	27	0.67	15.84	Postsecondary vocational award
43-6013	Medical secretaries	278	341	63	23	0.73	13.91	Postsecondary vocational award
43-6014	Secretaries, except legal, medical, and executive	1,617	1,739	122	8	1.03	11.90	Moderate-term on-the-job training
43-9011	Computer operators	66	57	-9	-14	0.64	13.91	Moderate-term on-the-job training
43-9021	Data entry keyers	236	251	15	6	0.86	8.48	Moderate-term on-the-job training
43-9022	Word processors and typists	67	85	18	27	0.45	7.42	Moderate-term on-the-job training
43-9031	Desktop publishers	27	36	9	33	0.74	10.76	Postsecondary vocational award
43-9041	Insurance claims and policy processing clerks	93	99	6	6	0.45	17.06	Moderate-term on-the-job training
43-9051	Mail clerks and mail machine operators, except postal service	72	72	0	0	0.58	8.83	Short-term on-the-job training
43-9061	Office clerks, general	2,493	2,946	453	18	0.98	10.42	Short-term on-the-job training
43-9071	Office machine operators, except computer	12	13	1	8	0.16	9.42	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
43-9081	Proofreaders and copy markers	16	19	3	19	0.98	10.21	Short-term on-the-job training
43-9199	Office and administrative support workers, all other	90	100	10	11	0.37	12.23	Short-term on-the-job training
45-1099	Supervisors, farming, fishing, and forestry workers	15	18	3	20	0.46	18.39	Work experience in a related field
45-2041	Graders and sorters, agricultural products	10	10	0	0	--	--	Work experience in a related field
45-2092	Farmworkers and laborers, crop, nursery, and greenhouse	52	64	12	23	0.22	8.66	Short-term on-the-job training
45-3011	Fishers and related fishing workers	47	50	3	6	0.63	5.85	Moderate-term on-the-job training
45-4021	Fallers	55	60	5	9	3.18	12.34	Moderate-term on-the-job training
45-4022	Logging equipment operators	34	42	8	24	1.02	16.79	Moderate-term on-the-job training
45-4023	Log graders and scalers	13	14	1	8	0.87	17.78	Moderate-term on-the-job training
47-1011	First-line supervisors/managers of construction trades and extraction workers	1,388	1,676	288	21	1.65	17.94	Work experience in a related field
47-2021	Brickmasons and blockmasons	261	289	28	11	2.12	15.38	Long-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
47-2022	Stonemasons	56	68	12	21	1.33	16.80	Long-term on-the-job training
47-2031	Carpenters	1,740	2,057	317	18	1.28	15.45	Long-term on-the-job training
47-2041	Carpet installers	43	54	11	26	0.84	16.69	Moderate-term on-the-job training
47-2042	Floor layers, except carpet, wood, and hard tiles	43	53	10	23	1.29	16.29	Moderate-term on-the-job training
47-2043	Floor sanders and finishers	45	54	9	20	1.65	15.82	Moderate-term on-the-job training
47-2044	Tile and marble setters	82	104	22	27	1.30	15.75	Long-term on-the-job training
47-2051	Cement masons and concrete finishers	218	277	59	27	1.19	12.33	Moderate-term on-the-job training
47-2053	Terrazzo workers and finishers	14	17	3	21	1.18	15.74	Long-term on-the-job training
47-2061	Construction laborers	1,240	1,520	280	23	1.12	13.21	Moderate-term on-the-job training
47-2071	Paving, surfacing, and tamping equipment operators	90	118	28	31	1.73	13.07	Moderate-term on-the-job training
47-2072	Pile-driver operators	39	48	9	23	1.58	15.34	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
47-2073	Operating engineers and other construction equipment operators	545	695	150	28	1.62	13.57	Moderate-term on-the-job training
47-2081	Drywall and ceiling tile installers	162	165	3	2	1.15	12.99	Moderate-term on-the-job training
47-2082	Tapers	54	64	10	19	0.90	16.56	Moderate-term on-the-job training
47-2111	Electricians	866	928	62	7	1.49	15.84	Long-term on-the-job training
47-2121	Glaziers	46	51	5	11	1.00	14.76	Long-term on-the-job training
47-2131	Insulation workers, floor, ceiling, and wall	13	14	1	8	0.51	11.39	Moderate-term on-the-job training
47-2132	Insulation workers, mechanical	15	15	0	0	0.65	11.25	Moderate-term on-the-job training
47-2141	Painters, construction and maintenance	610	686	76	12	1.37	14.62	Moderate-term on-the-job training
47-2142	Paperhangers	19	22	3	16	1.37	16.09	Moderate-term on-the-job training
47-2151	Pipelayers	201	249	48	24	2.24	15.09	Moderate-term on-the-job training
47-2152	Plumbers, pipefitters, and steamfitters	564	704	140	25	1.43	15.26	Long-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
47-2161	Plasterers and stucco masons	25	28	3	12	0.53	15.52	Long-term on-the-job training
47-2171	Reinforcing iron and rebar workers	27	36	9	33	1.12	13.15	Long-term on-the-job training
47-2181	Roofers	203	250	47	23	1.36	14.10	Moderate-term on-the-job training
47-2211	Sheet metal workers	147	174	27	18	0.96	14.36	Long-term on-the-job training
47-2221	Structural iron and steel workers	51	65	14	27	0.88	14.44	Long-term on-the-job training
47-3011	Helpers, brickmasons, blockmasons, stonemasons, and tile and marble setters	159	169	10	6	3.11	11.21	Short-term on-the-job training
47-3012	Helpers, carpenters	207	232	25	12	2.45	9.61	Short-term on-the-job training
47-3013	Helpers, electricians	296	298	2	1	3.59	10.19	Short-term on-the-job training
47-3014	Helpers, painters, paperhangers, plasterers, and stucco masons	18	16	-2	-11	0.92	8.49	Short-term on-the-job training
47-3015	Helpers, pipelayers, plumbers, pipefitters, and steamfitters	211	267	56	27	3.16	10.03	Short-term on-the-job training
47-3016	Helpers, roofers	19	22	3	16	1.09	9.65	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
47-3019	Helpers, construction trades, all other	66	77	11	17	2.29	9.56	Short-term on-the-job training
47-4011	Construction and building inspectors	119	147	28	24	1.19	22.39	Work experience in a related field
47-4021	Elevator installers and repairers	12	10	-2	-17	--	--	Long-term on-the-job training
47-4031	Fence erectors	33	43	10	30	1.24	14.59	Moderate-term on-the-job training
47-4041	Hazardous materials removal workers	53	33	-20	-38	1.70	16.80	Moderate-term on-the-job training
47-4051	Highway maintenance workers	11	14	3	27	0.10	16.34	Moderate-term on-the-job training
47-4071	Septic tank servicers and sewer pipe cleaners	36	36	0	0	1.77	18.29	Moderate-term on-the-job training
47-4091	Segmental pavers	13	16	3	23	3.09	17.20	Moderate-term on-the-job training
47-4099	Construction and related workers, all other	13	15	2	15	0.27	16.75	Moderate-term on-the-job training
47-5021	Earth drillers, except oil and gas	15	19	4	27	0.77	15.72	Moderate-term on-the-job training
47-5081	Helpers, extraction workers	34	41	7	21	1.55	10.73	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
49-1011	First-line supervisors/managers of mechanics, installers, and repairers	533	595	62	12	1.46	20.22	Work experience in a related field
49-2011	Computer, automated teller, and office machine repairers	211	204	-7	-3	1.44	17.56	Postsecondary vocational award
49-2021	Radio mechanics	11	11	0	0	1.31	15.25	Postsecondary vocational award
49-2022	Telecommunications equipment installers and repairers, except line installers	121	141	20	17	0.73	17.01	Long-term on-the-job training
49-2092	Electric motor, power tool, and related repairers	42	41	-1	-2	2.20	13.14	Postsecondary vocational award
49-2093	Electrical and electronics installers and repairers, transportation equipment	22	22	0	0	1.42	26.07	Postsecondary vocational award
49-2094	Electrical and electronics repairers, commercial and industrial equipment	66	73	7	11	1.07	17.10	Postsecondary vocational award
49-2095	Electrical and electronics repairers, powerhouse, substation, and relay	15	15	0	0	0.89	36.61	Postsecondary vocational award
49-2096	Electronic equipment installers and repairers, motor vehicles	23	23	0	0	1.46	26.25	Postsecondary vocational award
49-2097	Electronic home entertainment equipment installers and repairers	41	45	4	10	0.91	16.49	Postsecondary vocational award
49-2098	Security and fire alarm systems installers	37	43	6	16	0.76	16.10	Postsecondary vocational award

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
49-3011	Aircraft mechanics and service technicians	46	54	8	17	0.47	18.57	Postsecondary vocational award
49-3021	Automotive body and related repairers	180	204	24	13	1.19	14.11	Long-term on-the-job training
49-3022	Automotive glass installers and repairers	20	22	2	10	1.13	14.89	Long-term on-the-job training
49-3023	Automotive service technicians and mechanics	834	1,060	226	27	1.28	14.50	Postsecondary vocational award
49-3031	Bus and truck mechanics and diesel engine specialists	364	425	61	17	1.66	16.99	Postsecondary vocational award
49-3041	Farm equipment mechanics	12	13	1	8	0.43	17.85	Postsecondary vocational award
49-3042	Mobile heavy equipment mechanics, except engines	250	308	58	23	2.55	19.05	Postsecondary vocational award
49-3043	Rail car repairers	13	16	3	23	0.62	18.08	Long-term on-the-job training
49-3051	Motorboat mechanics	55	50	-5	-9	2.33	14.03	Long-term on-the-job training
49-3052	Motorcycle mechanics	41	37	-4	-10	1.85	12.44	Long-term on-the-job training
49-3053	Outdoor power equipment and other small engine mechanics	54	59	5	9	1.88	10.09	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
49-3092	Recreational vehicle service technicians	17	12	-5	-29	1.43	17.87	Long-term on-the-job training
49-3093	Tire repairers and changers	114	167	53	46	1.39	10.86	Short-term on-the-job training
49-9011	Mechanical door repairers	10	11	1	10	0.89	18.92	Moderate-term on-the-job training
49-9012	Control and valve installers and repairers, except mechanical door	44	47	3	7	1.33	21.60	Moderate-term on-the-job training
49-9021	Heating, air conditioning, and refrigeration mechanics and installers	391	476	85	22	1.51	14.87	Long-term on-the-job training
49-9031	Home appliance repairers	101	119	18	18	1.54	12.36	Long-term on-the-job training
49-9041	Industrial machinery mechanics	281	324	43	15	1.38	18.22	Long-term on-the-job training
49-9042	Maintenance and repair workers, general	1,344	1,545	201	15	1.22	13.27	Moderate-term on-the-job training
49-9043	Maintenance workers, machinery	61	62	1	2	0.96	17.24	Short-term on-the-job training
49-9044	Millwrights	77	82	5	6	1.81	16.20	Long-term on-the-job training
49-9045	Refractory materials repairers, except brickmasons	11	13	2	18	1.54	28.40	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
49-9051	Electrical power-line installers and repairers	130	152	22	17	1.45	19.76	Long-term on-the-job training
49-9052	Telecommunications line installers and repairers	91	103	12	13	0.65	15.67	Long-term on-the-job training
49-9061	Camera and photographic equipment repairers	14	18	4	29	1.46	7.38	Moderate-term on-the-job training
49-9062	Medical equipment repairers	30	40	10	33	0.94	9.57	Associate's degree
49-9063	Musical instrument repairers and tuners	15	19	4	27	1.40	7.10	Long-term on-the-job training
49-9064	Watch repairers	14	18	4	29	1.55	7.14	Long-term on-the-job training
49-9069	Precision instrument and equipment repairers, all other	19	24	5	26	1.10	9.03	Moderate-term on-the-job training
49-9091	Coin, vending, and amusement machine servicers and repairers	83	82	-1	-1	1.60	10.39	Moderate-term on-the-job training
49-9092	Commercial divers	28	38	10	36	1.41	8.99	Moderate-term on-the-job training
49-9093	Fabric menders, except garment	28	39	11	39	1.47	9.14	Moderate-term on-the-job training
49-9094	Locksmiths and safe repairers	39	47	8	21	1.28	16.20	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
49-9095	Manufactured building and mobile home installers	14	17	3	21	1.39	16.36	Moderate-term on-the-job training
49-9097	Signal and track switch repairers	33	42	9	27	1.45	12.84	Moderate-term on-the-job training
49-9098	Helpers--Installation, maintenance, and repair workers	259	292	33	13	2.05	8.56	Short-term on-the-job training
49-9099	Installation, maintenance, and repair workers, all other	134	158	24	18	1.11	13.41	Moderate-term on-the-job training
51-1011	First-line supervisors/managers of production and operating workers	630	660	30	5	1.14	23.55	Work experience in a related field
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers	14	14	0	0	0.68	19.14	Long-term on-the-job training
51-2022	Electrical and electronic equipment assemblers	145	129	-16	-11	0.87	14.03	Short-term on-the-job training
51-2023	Electromechanical equipment assemblers	21	23	2	10	0.45	12.62	Short-term on-the-job training
51-2031	Engine and other machine assemblers	101	101	0	0	2.91	14.47	Short-term on-the-job training
51-2041	Structural metal fabricators and fitters	100	105	5	5	1.26	13.64	Moderate-term on-the-job training
51-2091	Fiberglass laminators and fabricators	77	93	16	21	2.43	19.78	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-2092	Team assemblers	1,578	1,725	147	9	1.61	13.19	Moderate-term on-the-job training
51-2099	Assemblers and fabricators, all other	171	190	19	11	0.74	13.07	Moderate-term on-the-job training
51-3011	Bakers	68	76	8	12	0.58	14.62	Long-term on-the-job training
51-3021	Butchers and meat cutters	72	80	8	11	0.71	26.82	Long-term on-the-job training
51-3022	Meat, poultry, and fish cutters and trimmers	540	649	109	20	4.88	8.65	Short-term on-the-job training
51-3023	Slaughterers and meat packers	222	268	46	21	2.37	11.68	Moderate-term on-the-job training
51-3092	Food batchmakers	63	73	10	16	0.87	9.71	Short-term on-the-job training
51-3093	Food cooking machine operators and tenders	38	39	1	3	1.12	10.14	Short-term on-the-job training
51-4011	Computer-controlled machine tool operators, metal and plastic	54	66	12	22	0.49	15.08	Moderate-term on-the-job training
51-4012	Numerical tool and process control programmers	12	15	3	25	0.89	21.97	Long-term on-the-job training
51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic	167	137	-30	-18	2.29	14.08	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-4022	Forging machine setters, operators, and tenders, metal and plastic	32	26	-6	-19	1.34	17.40	Moderate-term on-the-job training
51-4023	Rolling machine setters, operators, and tenders, metal and plastic	38	36	-2	-5	1.41	16.60	Moderate-term on-the-job training
51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	379	374	-5	-1	1.79	12.84	Moderate-term on-the-job training
51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic	37	35	-2	-5	1.13	18.52	Moderate-term on-the-job training
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	23	24	1	4	0.29	15.36	Moderate-term on-the-job training
51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic	19	18	-1	-5	0.38	12.41	Moderate-term on-the-job training
51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic	25	24	-1	-4	1.10	13.19	Moderate-term on-the-job training
51-4041	Machinists	304	353	49	16	1.01	16.87	Long-term on-the-job training
51-4051	Metal-refining furnace operators and tenders	34	32	-2	-6	2.34	13.83	Moderate-term on-the-job training
51-4052	Pourers and casters, metal	17	16	-1	-6	1.44	17.55	Moderate-term on-the-job training
51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	44	36	-8	-18	0.36	14.99	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic	70	78	8	11	0.93	15.15	Moderate-term on-the-job training
51-4111	Tool and die makers	52	65	13	25	0.69	21.79	Long-term on-the-job training
51-4121	Welders, cutters, solderers, and brazers	527	616	89	17	1.68	15.97	Long-term on-the-job training
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders	63	77	14	22	1.13	23.53	Moderate-term on-the-job training
51-4191	Heat treating equipment setters, operators, and tenders, metal and plastic	25	24	-1	-4	1.17	15.22	Moderate-term on-the-job training
51-4193	Plating and coating machine setters, operators, and tenders, metal and plastic	23	26	3	13	0.72	16.71	Moderate-term on-the-job training
51-4194	Tool grinders, filers, and sharpeners	14	14	0	0	0.99	13.76	Moderate-term on-the-job training
51-4199	Metal workers and plastic workers, all other	16	14	-2	-13	0.42	15.12	Moderate-term on-the-job training
51-5011	Bindery workers	71	66	-5	-7	1.39	11.11	Short-term on-the-job training
51-5021	Job printers	64	66	2	3	1.59	13.66	Long-term on-the-job training
51-5022	Prepress technicians and workers	38	35	-3	-8	0.66	15.95	Postsecondary vocational award

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-5023	Printing machine operators	145	163	18	12	0.92	14.60	Moderate-term on-the-job training
51-6011	Laundry and dry-cleaning workers	191	200	9	5	0.91	6.93	Moderate-term on-the-job training
51-6021	Pressers, textile, garment, and related materials	43	34	-9	-21	0.72	6.97	Short-term on-the-job training
51-6031	Sewing machine operators	147	170	23	16	0.76	8.79	Moderate-term on-the-job training
51-6041	Shoe and leather workers and repairers	24	33	9	38	1.31	6.27	Long-term on-the-job training
51-6051	Sewers, hand	88	121	33	38	1.58	6.10	Short-term on-the-job training
51-6052	Tailors, dressmakers, and custom sewers	90	123	33	37	1.24	6.25	Long-term on-the-job training
51-6061	Textile bleaching and dyeing machine operators and tenders	19	12	-7	-37	1.21	7.18	Moderate-term on-the-job training
51-6062	Textile cutting machine setters, operators, and tenders	13	12	-1	-8	0.83	7.81	Moderate-term on-the-job training
51-6063	Textile knitting and weaving machine setters, operators, and tenders	78	50	-28	-36	2.46	8.25	Long-term on-the-job training
51-6064	Textile winding, twisting, and drawing out machine setters, operators, and tenders	84	62	-22	-26	2.38	8.92	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	34	17	-17	-50	2.46	11.69	Moderate-term on-the-job training
51-6093	Upholsterers	83	111	28	34	1.08	6.38	Long-term on-the-job training
51-6099	Textile, apparel, and furnishings workers, all other	17	15	-2	-12	0.96	11.10	Short-term on-the-job training
51-7011	Cabinetmakers and bench carpenters	126	153	27	21	1.10	10.25	Long-term on-the-job training
51-7021	Furniture finishers	29	40	11	38	0.83	6.51	Long-term on-the-job training
51-7041	Sawing machine setters, operators, and tenders, wood	22	26	4	18	0.42	13.95	Moderate-term on-the-job training
51-7042	Woodworking machine setters, operators, and tenders, except sawing	25	26	1	4	0.32	10.31	Moderate-term on-the-job training
51-8013	Power plant operators	37	39	2	5	1.36	27.52	Long-term on-the-job training
51-8021	Stationary engineers and boiler operators	24	27	3	13	0.70	19.56	Long-term on-the-job training
51-8031	Water and liquid waste treatment plant and system operators	65	79	14	22	0.78	16.10	Long-term on-the-job training
51-8091	Chemical plant and system operators	33	14	-19	-58	0.80	11.69	Long-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-9011	Chemical equipment operators and tenders	43	24	-19	-44	1.07	12.15	Moderate-term on-the-job training
51-9012	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	13	12	-1	-8	0.38	10.67	Moderate-term on-the-job training
51-9021	Crushing, grinding, and polishing machine setters, operators, and tenders	34	34	0	0	1.06	9.58	Moderate-term on-the-job training
51-9022	Grinding and polishing workers, hand	12	13	1	8	0.34	12.16	Moderate-term on-the-job training
51-9023	Mixing and blending machine setters, operators, and tenders	65	56	-9	-14	0.59	12.43	Moderate-term on-the-job training
51-9031	Cutters and trimmers, hand	35	34	-1	-3	1.51	16.76	Short-term on-the-job training
51-9032	Cutting and slicing machine setters, operators, and tenders	436	438	2	0	7.13	8.61	Moderate-term on-the-job training
51-9041	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	247	218	-29	-12	3.83	21.60	Moderate-term on-the-job training
51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders	41	37	-4	-10	1.95	18.57	Moderate-term on-the-job training
51-9061	Inspectors, testers, sorters, samplers, and weighers	689	681	-8	-1	1.79	14.42	Moderate-term on-the-job training
51-9071	Jewelers and precious stone and metal workers	65	56	-9	-14	1.57	16.30	Postsecondary vocational award

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-9081	Dental laboratory technicians	15	17	2	13	0.40	27.13	Long-term on-the-job training
51-9082	Medical appliance technicians	11	16	5	45	1.23	27.79	Long-term on-the-job training
51-9111	Packaging and filling machine operators and tenders	460	461	1	0	1.53	10.99	Short-term on-the-job training
51-9121	Coating, painting, and spraying machine setters, operators, and tenders	102	100	-2	-2	1.23	14.80	Moderate-term on-the-job training
51-9122	Painters, transportation equipment	46	51	5	11	1.04	13.75	Long-term on-the-job training
51-9123	Painting, coating, and decorating workers	27	34	7	26	0.99	11.31	Short-term on-the-job training
51-9131	Photographic process workers	15	13	-2	-13	0.63	10.94	Moderate-term on-the-job training
51-9132	Photographic processing machine operators	62	42	-20	-32	1.40	9.37	Short-term on-the-job training
51-9191	Cementing and gluing machine operators and tenders	19	18	-1	-5	1.02	13.50	Moderate-term on-the-job training
51-9192	Cleaning, washing, and metal pickling equipment operators and tenders	10	11	1	10	0.76	8.97	Moderate-term on-the-job training
51-9193	Cooling and freezing equipment operators and tenders	10	11	1	10	--	--	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
51-9195	Molders, shapers, and casters, except metal and plastic	39	41	2	5	1.05	13.92	Moderate-term on-the-job training
51-9196	Paper goods machine setters, operators, and tenders	110	115	5	5	1.24	12.14	Moderate-term on-the-job training
51-9197	Tire builders	156	161	5	3	8.88	18.19	Moderate-term on-the-job training
51-9198	Helpers--Production workers	470	505	35	7	1.11	9.93	Short-term on-the-job training
51-9199	Production workers, all other	39	41	2	5	0.17	20.47	Moderate-term on-the-job training
53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand	178	209	31	17	1.23	19.55	Work experience in a related field
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	224	263	39	17	1.27	21.16	Work experience in a related field
53-2011	Airline pilots, copilots, and flight engineers	33	39	6	18	0.52	39.64	Bachelor's degree
53-2012	Commercial pilots	21	23	2	10	0.71	30.53	Postsecondary vocational award
53-3011	Ambulance drivers and attendants, except emergency medical technicians	215	318	103	48	13.09	8.16	Moderate-term on-the-job training
53-3021	Bus drivers, transit and intercity	172	196	24	14	1.06	7.96	Moderate-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
53-3022	Bus drivers, school	474	566	92	19	1.25	7.91	Short-term on-the-job training
53-3031	Driver/sales workers	723	782	59	8	1.47	16.34	Short-term on-the-job training
53-3032	Truck drivers, heavy and tractor-trailer	2,070	2,374	304	15	1.39	18.07	Moderate-term on-the-job training
53-3033	Truck drivers, light or delivery services	1,757	2,111	354	20	1.90	14.25	Short-term on-the-job training
53-3041	Taxi drivers and chauffeurs	164	221	57	35	0.67	7.44	Short-term on-the-job training
53-3099	Motor vehicle operators, all other	31	37	6	19	0.54	18.66	Short-term on-the-job training
53-4019	Locomotive engineers and operators	35	38	3	9	1.14	25.32	Moderate-term on-the-job training
53-4021	Railroad brake, signal, and switch operators	14	14	0	0	0.90	22.48	Moderate-term on-the-job training
53-4031	Railroad conductors and yardmasters	22	27	5	23	0.93	25.89	Moderate-term on-the-job training
53-6021	Parking lot attendants	35	45	10	29	0.33	8.55	Short-term on-the-job training
53-6031	Service station attendants	35	50	15	43	0.48	10.47	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
53-6099	Transportation workers, all other	12	14	2	17	0.38	9.46	Short-term on-the-job training
53-7011	Conveyor operators and tenders	117	125	8	7	3.13	11.05	Short-term on-the-job training
53-7021	Crane and tower operators	64	72	8	13	1.74	14.98	Long-term on-the-job training
53-7031	Dredge operators	12	15	3	25	1.62	15.45	Moderate-term on-the-job training
53-7032	Excavating and loading machine and dragline operators	78	96	18	23	1.32	13.26	Moderate-term on-the-job training
53-7033	Loading machine operators, underground mining	13	16	3	23	1.57	15.81	Moderate-term on-the-job training
53-7051	Industrial truck and tractor operators	519	518	-1	0	1.04	13.07	Short-term on-the-job training
53-7061	Cleaners of vehicles and equipment	454	511	57	13	1.62	7.73	Short-term on-the-job training
53-7062	Laborers and freight, stock, and material movers, hand	3,142	3,297	155	5	1.65	9.66	Short-term on-the-job training
53-7063	Machine feeders and offbearers	127	114	-13	-10	1.10	9.80	Short-term on-the-job training
53-7064	Packers and packagers, hand	760	705	-55	-7	1.16	7.88	Short-term on-the-job training

SOC Code	Description	2007 Jobs	2016 Jobs	Change	% Change	2007 National LQ	2007 Median Hourly Earnings (\$)	Typical Education & Experience Level
53-7081	Refuse and recyclable material collectors	238	175	-63	-26	2.08	12.09	Short-term on-the-job training
53-7121	Tank car, truck, and ship loaders	15	16	1	7	1.25	15.98	Moderate-term on-the-job training
53-7199	Material moving workers, all other	37	35	-2	-5	0.97	10.54	Moderate-term on-the-job training
		134,793	159,294	24,502	18		14.92	

at least 1.25 greater than \$14.92

Source: EMSI

Appendix B: Businesses by 3-Digit NAICS Codes

Lexington County								
Industry	NAICS Code	Change						
		2002	2007	Average Size	#	%	SC % change	US % change
Crop Production	111	14	13	43	-1	-7.1	-17.6	-9.3
Forestry and Logging	113	14	12	7	-2	-14.3	-26.0	-15.2
Utilities	221	14	12	44	-2	-14.3	-8.8	-0.9
Construction of Buildings	236	266	246	6	-20	-7.5	-0.4	15.4
Heavy and Civil Engineering Construction	237	70	70	16	0	0.0	-2.0	-2.3
Specialty Trade Contractors	238	699	644	8	-55	-7.9	-6.4	12.9
Food Manufacturing	311	9	10	245	1	11.1	-13.3	-3.3
Textile Mills	313	7	5	0	-2	-28.6	-34.0	-26.7
Textile Product Mills	314	11	5	9	-6	-54.5	-10.6	-3.3
Wood Product Manufacturing	321	14	11	45	-3	-21.4	-6.4	-5.7
Paper Manufacturing	322	4	6	45	2	50.0	12.2	-7.5
Printing and Related Support Activities	323	38	35	21	-3	-7.9	-15.0	-12.3
Chemical Manufacturing	325	6	8	70	2	33.3	-1.6	1.5
Nonmetallic Mineral Product Manufacturing	327	16	16	15	0	0.0	4.0	3.0
Fabricated Metal Product Manufacturing	332	62	50	24	-12	-19.4	-6.1	-3.0
Machinery Manufacturing	333	20	15	68	-5	-25.0	-23.7	-11.1
Computer and Electronic Product Manufacturing	334	20	9	112	-11	-55.0	-6.3	-11.2
Transportation Equipment Manufacturing	336	7	9	79	2	28.6	4.9	-1.1
Furniture and Related Product Manufacturing	337	15	15	8	0	0.0	-8.8	-5.8
Miscellaneous Manufacturing	339	19	18	13	-1	-5.3	9.5	-0.9
Merchant Wholesalers, Durable Goods	423	214	212	15	-2	-0.9	0.6	-5.6
Merchant Wholesalers, Nondurable Goods	424	66	72	23	6	9.1	-5.0	-3.5
Wholesale Electronic Markets and Agents and Brokers	425	88	69	10	-19	-21.6	31.7	38.3
Motor Vehicle and Parts Dealers	441	118	125	14	7	5.9	-11.6	2.2
Furniture and Home Furnishings Stores	442	56	40	7	-16	-28.6	-11.3	3.8
Electronics and Appliance Stores	443	52	52	13	0	0.0	-16.7	-4.7
Building Material and Garden Equipment and Supplies Dealers	444	93	82	15	-11	-11.8	-8.8	0.9
Food and Beverage Stores	445	85	78	24	-7	-8.2	-18.2	-0.5
Health and Personal Care Stores	446	80	78	11	-2	-2.5	9.1	10.2
Gasoline Stations	447	76	105	12	29	38.2	-2.8	-1.9
Clothing and Clothing Accessories Stores	448	67	62	9	-5	-7.5	-5.3	4.6
Sporting Goods, Hobby, Book, and Music Stores	451	50	38	9	-12	-24.0	-11.1	-6.5
General Merchandise Stores	452	37	56	53	19	51.4	17.5	13.3
Miscellaneous Store Retailers	453	113	88	6	-25	-22.1	-23.9	-8.6
Nonstore Retailers	454	22	24	11	2	9.1	-17.9	11.9
Air Transportation	481	6	8	20	2	33.3	-3.9	6.3
Truck Transportation	484	83	85	23	2	2.4	-5.1	5.4

Lexington County								
Industry	NAICS Code	2002	2007	Average Size	Change		SC % change	US % change
					#	%		
Transit and Ground Passenger Transportation	485	11	6	10	-5	-45.5	-14.6	1.6
Support Activities for Transportation	488	30	32	6	2	6.7	-6.0	7.6
Couriers and Messengers	492	18	24	104	6	33.3	12.8	5.6
Warehousing and Storage	493	9	11	24	2	22.2	-13.8	14.5
Publishing Industries (except Internet)	511	19	14	5	-5	-26.3	1.4	-0.2
Motion Picture and Sound Recording Industries	512	11	11	15	0	0.0	-9.6	-2.1
Telecommunications	517	23	20	14	-3	-13.0	0.0	9.3
Data Processing, Hosting and Related Services	518	11	6	10	-5	-45.5	-11.0	-47.5
Credit Intermediation and Related Activities	522	175	174	11	-1	-0.6	12.2	23.8
Insurance Carriers and Related Activities	524	131	153	6	22	16.8	0.3	6.7
Real Estate	531	125	144	--	19	15.2	18.8	23.8
Rental and Leasing Services	532	52	52	25	0	0.0	-8.3	1.7
Administrative and Support Services	561	323	290	16	-33	-10.2	2.2	13.0
Waste Management and Remediation Services	562	20	21	21	1	5.0	3.9	15.6
Educational Services	611	44	40	8	-4	-9.1	14.1	23.7
Ambulatory Health Care Services	621	223	261	14	38	17.0	7.4	13.3
Nursing and Residential Care Facilities	623	28	34	74	6	21.4	0.4	8.8
Performing Arts, Spectator Sports, and Related Industries	711	10	8	--	-2	-20.0	-1.3	17.3
Amusement, Gambling, and Recreation Industries	713	66	60	--	-6	-9.1	-14.4	12.9
Accommodation	721	43	34	16	-9	-20.9	-3.4	3.5
Food Services and Drinking Places	722	360	377	22	17	4.7	-0.2	12.2
Repair and Maintenance	811	255	242	6	-13	-5.1	-18.3	-0.4
Personal and Laundry Services	812	113	123	8	10	8.8	-2.4	7.2
Religious, Grantmaking, Civic, Professional, and Similar Organizations	813	40	47	8	7	17.5	-2.0	3.3
Private Households	814	87	83	1	-4	-4.6	4.6	24.9

growth rate exceeds both SC and US growth rates

Source: Bureau of Labor Statistics

Appendix C: Lexington County Employment by Industry Sector

Industry	NAICS code	Employment		2002-2007 Change		Location Quotient	Competitive Effect	2007 Average Annual Wage (\$)	Projected Growth
		2002	2007	#	%				
Total		82,154	95,775	13,621	16.6			33,100	18%

<i>6 star sectors</i>									
Industry	NAICS code	Employment		2002-2007 Change		Location Quotient	Competitive Effect	2007 Average Annual Wage (\$)	Projected Growth
		2002	2007	#	%				
Heavy and Civil Engineering Construction	237	925	1,119	194	21	1.65	131	35,702	A
Specialty Trade Contractors	238	4,350	5,309	959	22	1.60	320	33,420	A
Merchant Wholesalers, Durable Goods	423	2,339	3,099	760	32	1.45	664	46,800	AA

<i>5 star sectors</i>									
Industry	NAICS code	Employment		2002-2007 Change		Location Quotient	Competitive Effect	2007 Average Annual Wage (\$)	Projected Growth
		2002	2007	#	%				
Gasoline Stations	447	592	1,251	659	111	2.11	682	16,420	A
Truck Transportation	484	1,461	1,990	529	36	2.01	417	44,238	BA
Warehousing and Storage	493	107	261	154	144	0.58	123	38,026	AA
Insurance Carriers and Related Activities	524	785	925	140	18	0.62	123	54,176	A
Rental and Leasing Services	532	1,138	1,274	136	12	2.93	161	34,223	A
Waste Management and Remediation Services	562	367	445	78	21	1.83	37	40,889	A
Ambulatory Health Care Services	621	2,265	3,526	1,261	56	0.94	855	44,254	AA

4 star sectors		Employment		2002-2007 Change		Location Quotient	Competitive Effect	2007 Average Annual Wage (\$)	Projected Growth
Industry	NAICS code	2002	2007	#	%				
Construction of Buildings	236	1,239	1,502	263	21	1.24	104	44,236	BA
Food Manufacturing	311	2,007	2,453	446	22	2.41	520	23,749	BA
Wood Product Manufacturing	321	318	498	180	57	1.41	203	30,574	BA
Machinery Manufacturing	333	577	1,022	445	77	1.25	463	44,275	BA
Transportation Equipment Manufacturing	336	611	714	103	17	0.61	141	42,435	D
Wholesale Electronic Markets and Agents and Brokers	425	519	702	183	35	1.22	16	47,400	BA
Electronics and Appliance Stores	443	587	681	94	16	1.82	76	48,883	A
Building Material and Garden Equipment and Supplies Dealers	444	1,053	1,246	193	18	1.39	80	29,727	BA
General Merchandise Stores	452	2,292	2,973	681	30	1.43	513	18,521	BA
Couriers and Messengers	492	1,847	2,492	645	35	6.23	600	28,027	BA
Telecommunications	517	236	287	51	22	0.40	79	52,206	A
Credit Intermediation and Related Activities	522	1,367	1,861	494	36	0.94	393	40,300	BA
Administrative and Support Services	561	3,608	4,569	961	27	0.83	580	24,045	A
Nursing and Residential Care Facilities	623	2,027	2,506	479	24	1.24	327	25,359	A
Food Services and Drinking Places	722	6,986	8,343	1,357	19	1.27	451	11,783	BA

3 star or fewer sectors		Employment		2002-2007 Change		Location Quotient	Competitive Effect	2007 Average Annual Wage (\$)	Projected Growth
Industry	NAICS code	2002	2007	#	%				
Crop Production	111	465	563	98	21	1.52	112	26,381	
Forestry and Logging	113	77	82	5	6	1.82	15	34,987	BA
Printing and Related Support Activities	323	665	726	61	9	1.70	142	39,875	D
Miscellaneous Manufacturing	339	178	241	63	35	0.55	75	40,858	BA
Motor Vehicle and Parts Dealers	441	1,852	1,778	-74	-4	1.36	-104	37,433	A
Air Transportation	481	115	163	48	42	0.48	63	41,444	BA

3 star or fewer sectors		Employment		2002-2007 Change		Location Quotient	Competitive Effect	2007 Average Annual Wage (\$)	Projected Growth
Industry	NAICS code	2002	2007	#	%				
Support Activities for Transportation	488	149	185	36	24	0.46	16	33,521	BA
Motion Picture and Sound Recording Industries	512	43	162	119	277	0.62	120	24,951	BA
Utilities	221	627	529	-98	-16	1.40	-53	59,334	BA
Furniture and Related Product Manufacturing	337	64	127	63	98	0.35	71	30,069	BA
Merchant Wholesalers, Nondurable Goods	424	1,565	1,623	58	4	1.15	24	47,543	BA
Health and Personal Care Stores	446	1,155	870	-285	-25	1.27	-364	30,917	A
Publishing Industries (except Internet)	511	106	69	-37	-35	0.11	-30	33,543	A
Textile Product Mills	314	47	47	0	0	0.43	9	25,200	D
Paper Manufacturing	322	392	268	-124	-32	0.85	-61	57,054	D
Chemical Manufacturing	325	915	560	-355	-39	0.95	-289	35,521	D
Nonmetallic Mineral Product Manufacturing	327	263	235	-28	-11	0.68	-19	39,155	BA
Fabricated Metal Product Manufacturing	332	1,275	1,221	-54	-4	1.14	-65	42,719	BA
Computer and Electronic Product Manufacturing	334	2,208	1,005	-1,203	-54	1.15	-867	53,857	BA
Furniture and Home Furnishings Stores	442	274	260	-14	-5	0.66	-30	27,964	A
Food and Beverage Stores	445	1,889	1,876	-13	-1	0.96	3	17,597	BA
Clothing and Clothing Accessories Stores	448	972	558	-414	-43	0.54	-547	16,825	A
Miscellaneous Store Retailers	453	588	570	-18	-3	0.95	39	25,948	BA
Nonstore Retailers	454	247	255	8	3	0.85	12	29,699	BA
Transit and Ground Passenger Transportation	485	114	60	-54	-47	0.22	-64	19,134	A
Data Processing, Hosting and Related Services	518	81	59	-22	-27	0.32	9	30,592	BA
Performing Arts, Spectator Sports, and Related Industries	711	62	0	-62	-100	ND	-67	-	AA
Textile Mills	313	564	0	-564	-100	ND	-328	-	D
Sporting Goods, Hobby, Book, and Music Stores	451	365	325	-40	-11	0.72	-36	13,899	BA
Real Estate	531	372	0	-372	-100	ND	-410	-	BA
Educational Services	611	320	307	-13	-4	0.20	-68	21,090	BA
Amusement, Gambling, and Recreation Industries	713	598	0	-598	-100	ND	-651	-	BA
Accommodation	721	701	530	-171	-24	0.41	-204	15,984	BA

Methodology and Sourcing

Projected Growth Grading Scale:

AA=above average

A=average

BA=below average

D=decline

Sectors are rated on 6 factors: 2002-2007 employment growth, 2002-2007 employment growth rate, location quotient, competitive effect, average annual wage, and projected growth.

Stars are based on: 2002-2007 employment growth of 100 or more, 2002-2007 employment growth rate greater than 16.6% (overall county job growth rate), location quotient of at least 1.25, competitive effect greater than 0, average annual wage greater than \$33,100 (2007 average for all jobs in the county), and average or above average projected growth.

Location Quotient: percentage of employment in the sector in the county divided by the percentage of employment in that sector in the US; gives an indication of how concentrated employment in the sector is in the county; based on 2007 data.

Competitive Effect: based on shift-share analysis; represents the change in employment in the sector in the county after accounting for overall US employment growth and growth/decline in the sector in the US.

Source: Bureau of Labor Statistics; projections based on data from EMSI and SC Department of Commerce.



South Carolina
Department of Commerce
1201 Main Street, Suite 1600
Columbia, SC 29201

(800) 868-7232
(803) 737-0400
www.sccommerce.com